

CAMPUS NEWS

Improvements to northern train services



Students disembarking at North Wollongong Station.

City Rail will introduce an extra train service in 1995 to improve timetable connections between Southern Sydney and the University of Wollongong and a 6.29pm service to Thirroul will stop at all stations for the convenience of Wollongong students from the northern suburbs.

The new timetable came about through negotiations with the State Rail Authority after a survey of the needs of students from Southern Sydney.

While not solving all the problems students may be experiencing, the University is working towards definite improvements.

Students from Southern Sydney (the municipalities of Kogarah and Rockdale, the City of Hurstville and Sutherland Shire) have traditionally formed one of the University's larger student populations.

The University's Planning and Marketing Office recently held a series of focus groups for southern Sydney students to gain a better and more realis-

	Current Timetable Service	Current Timetable Service	Replacement Service for 1995	New Timetable Service	Replacement Service for 1995
Train leaving North Wollongong Station	6.39pm	7.49pm	6.16pm	7.09pm	8.03pm
Details			Stopping Thirroul, all stations to Waterfall, then regular stops to Sydney	All stations to Sydney	All stations to Thirroul, then change for 8.23pm train all stations to Sydney

tic understanding of the problems and special needs of students coming from this area. Public transport was identified as one of the recurring problems encountered by students.

Many students commented on inconveniences and delays caused by the present timetabling of trains between Sydney and the University in both directions via North Wollongong Station.

Subsequently, a series of meetings were held with the State Rail Author-

ity to discuss the prospects for better linking of train timetables with lecture times. The SRA has responded positively to some of these requests and will be altering their northern train services after 6pm.

This new timetable is expected to be introduced before the 1995 academic year.

The Planning and Marketing Office wishes to thank those students who participated in these focus groups for their valued input.

Avoid overdue library books

Library items borrowed during second session are due for return on Monday, 5 December.

Late returns will be charged at the rate of \$1 per day for each item.

Library items can be renewed for summer session. Summer session loans are available, and items can be borrowed until 27 February.

Enquiries: Margie Jantti, ext. 3330.

Graduate award for Computer Applications

Business Systems graduate Mr Klaus Busch was recently presented with an award for the most outstanding graduate in the Associate Diploma in Computer Applications.

The Apple Award, consisting of an engraved medallion and a \$200 cheque, is an annual presentation.

1994 Creative Arts graduate 'Exhibit On'

'Exhibit On', the 1994 graduate exhibition of the Faculty of Creative Arts, will open on Friday, 18 November.

Dean of Creative Arts, Professor Sharon Bell, will open the exhibition, which will be on display in the Long Gallery (Building 25) until December 7.

Three performances will be held during the opening night:

6.30pm: Edward King will present his work at the performance space behind the music auditorium (Building 24).



Manager ITS/User Services, Gary Kelly, award winner Klaus Busch and Professor Graham Winley from the Department of Business Systems.

7pm: Professor Sharon Bell opens the exhibition (Long Gallery, Building 25).

7.30pm: Performance by Chris Davison in the downstairs studio (Building 25) or in the Creative Arts courtyard.

8pm: Performance by Jeff Stein in the Movement Lab (Building 28).

This exhibition is a showcase of the

works produced by 46 Creative Arts students from all departments, who will be graduating in 1995.

Exhibits of students' ceramics, graphic design, theatre design, printmaking, textiles, sculpture and painting are all featured in the exhibition.

Enquiries: Jelle van den Berg, phone (042) 21 4273.

School principals get to know us

The Vice-Chancellor, Professor Ken McKinnon hosted a visit by 10 school principals on 2 November as part of a series of briefings on developments at the University and the opportunities available to students.

He is seen here (centre) talking to Director of Studies at Ascham School, Mr Robert Marshall, and Principal of Frensham School, Miss Anne Schavemaker.



The sky's the limit for our young engineers

How would you design and build a device able to lift a 1kg mass as high as possible without the use of chemical or electrical sources?

As part of their second year assessment, Mechanical Engineering Design students must take part in the Design and Build competition, organised by IEAust and Warman International.

Attracting Mechanical Engineering students from throughout Australia and New Zealand, the annual competition has been running for several years.

Students work in groups and must follow a specified theme for that particular year.

This year the competition was based on a fictional tale of the planet Gondwana, where canisters of detoxifying ions had to be raised into the planet's atmosphere to neutralise harmful radiation.

Budding engineers were asked to build a device that would lift a 1kg mass as high as possible without the use of chemical or electrical energy sources.

Limited to a maximum mass of 4kg, the device had to fit within a 400mm cube envelope before release.

A team of eager mechanical engineers from Wollongong, Brett Monkman, Michael Biernat, Dean Peric and Steven McNamara, began construction of their device early this year ready for campus judging in spring session.

After successfully blitzing the local competition, the team qualified for the national finals.

In conjunction with the 1994 Engineering in Agriculture Conference held at Lincoln University, New Zealand, this was the first time the finals had been held overseas.

The Wollongong team's device was based on dual scissor mechanisms propelled by elastic bands and dampened by fluid filled piston and cylinder arrangements.

Though simple in design, the device was effective and provided them with several advantages over groups with more expensive devices.

With some groups going to the extreme of using specifically-cut aircraft aluminium, the timber used in the Wollongong device provided ample



Reaching for the sky are designers Brett Monkman (top), Dean Peric (right) and Michael Biernat.

strength and stiffness at a fraction of the cost.

The fluid dampening system also showed ingenuity need not cost money.

By modifying two bike tyre pumps and connecting syringes to catch the water, a successful dampening system was developed.

A problem faced by most groups was that of reliability. A great deal of fine-tuning was needed for the device to work correctly on each release.

One step at a time, the Wollongong team conquered each extra level progressing from a height of 1.75m at the preliminary judging to 2.31m at the campus finals which qualified them for the national finals.

By the time they competed in New Zealand, they had reached 2.67m, although the device was beginning to experience slight wear.

Regular maintenance, including tensioning the joints and using fresh elastic bands was necessary and had it not been for this problem, the team are

positive that they would have undoubtedly been able to clear the 3m mark as they were well under the 4kg limit.

After a faultless launch in the voluntary practice run, a slight mishap with a fall in the final did not deter their enthusiasm and after some more fine-tuning, and determination not to experience further embarrassment, a successful final round saw the team finish a commendable 12th position overall.

Mr Monkman, a cooperative scholarship student sponsored by BHP Port Kembla Research Laboratories, said, 'Without the generous support of BHP and the Faculty of Engineering, the whole team would not have been present for the national finals in Christchurch.

'Although we only placed 12th out of 22 universities, it was satisfying enough just to attend the finals.

'The competition was a valuable opportunity for us to see other young engineers in action and a range of solutions to the same problem.'

Matthew's classic trip to the US

Countless applications, essays and interviews later, Matthew Tubridy, an Honours year Bachelor of Arts student majoring in English has won a Rotary travelling scholarship to attend an American university.

The Rotary Ambassadorial travelling scholarship entitles him to study for one academic year in the United States, at the university of his choice.

Mr Tubridy hopes to study at Berkeley, California but would be happy with any others in the University of California system.

'Berkeley is home to many prolific writers in modern literature and this was a main factor in deciding where to spend the year,' Mr Tubridy said.

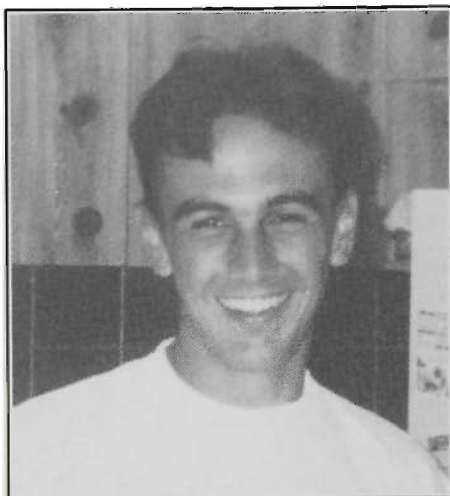
Because of the reciprocal arrangement between the Californian universities and Wollongong, he will also receive credit for the subjects he studies there.

'I also chose America because it is the cultural and economic centre of the world,' Mr Tubridy said.

'I would have loved to go to France but without a speaking knowledge of French it would make the study of literature incredibly difficult.

'It is my first trip overseas but I'm sure I'll get the travel bug like everyone else and will want to return.'

The International Rotary Foundation



Matt Tubridy – off to the States in '95

provides these annual scholarships and Mr Tubridy applied through the Rotary Club of Berry/Gerrigong.

He has lived in Gerrigong since he was 13 years old and is the first Rotary Foundation scholarship representative from this region.

There is only one scholarship awarded per region, and Mr Tubridy's was awarded for the region from the Illawarra to northern Victoria.

The program is very popular and competition is fierce to win the scholarships.

The International Rotary Foundation this year has provided for 1100 students

from all over the world to travel on these scholarships.

Olof Johansson from Sweden is studying at the University of Wollongong on an Ambassadorial Scholarship to do postgraduate study in Commerce.

Mr Tubridy said: 'Speaking to the members of Rotary clubs in other countries will be great lecturing experience. I look forward to the access to people I will have that is different from the normal way you meet people when travelling.'

He said that the Department of English has cultivated his understanding of literature in a wide cultural and political spectrum.

'My thesis was on war literature and Professor James Whelan was my supervisor,' he said.

'He has been a great help, particularly with dialogue on Australian War Literature and exposure to his forthcoming book *Shaking Hands with Shadows*.'

Mr Tubridy has applied for admission to the English Department's postgraduate program, and hopes to begin his postgraduate study next year.

He will then spend our spring session and autumn 1996 in America, and return in the following spring to resume his studies in Wollongong.

Swedes bring new sport to Wollongong

It's fast and furious but easy to play. Innebandy, a Scandinavian game similar to hockey, has caught on at the University of Wollongong.

Innebandy was introduced only a few weeks ago at the Recreation and Sports Centre by a graduate student on exchange from Sweden, Olof Johansson.

The sport is proving to be very popular with a regular lunchtime match attracting interested students and staff.

As the fastest-growing sport in Scandinavia, Innebandy is very popular in schools although it began fewer than 10 years ago.

It's a fairly easy game to get started in and is safe because most of the equipment is plastic.

Player numbers can vary and the rules are quite flexible. The goals are smaller than in hockey and the goalkeepers play on their knees.

With the assistance of the company that manufactures the equipment in Sweden, Unihoc in Gothenburg, sticks, balls and goals have been donated to the University as part of a cultural exchange.

Eager to show Innebandy to the Australians, Olof Johansson is an Ambassadorial student through the Rotary Club of Unanderra.

While studying for his Master of Commerce (Business Systems), he is living in the Graduate Accommodation opposite the University.

He returns to Sweden before Christmas.



Innebandy in action at the Recreation and Sports Centre.

The first match in Wollongong between Australia and Sweden (Sport & Rec Staff Vs Swedish exchange students) was closely won by the Australians with a score of 7-6.

Innebandy will be offered as a General Interest Course through the Recreation and Sports Association in 1995.

New Zealand Qualifications Authority looks at Wollongong model

Policy analyst Emma Reid, from the New Zealand Qualifications Authority, visited the University on 25 October to examine ways that professional competency standards were applied in the Master of Science (Nutrition and Dietetics) course in the Faculty of Health and Behavioural Sciences.

Ms Reid is involved in the preparation of a report (*The Tertiary Lead Group Report*) for the New Zealand Minister of Education.

This report examines the relationship between the tertiary education sector and New Zealand's National Qualifications Framework.

The Framework is based on explicit standards of skill and knowledge.

Ms Reid's visit to Australia follows positive reports on the development of competency standards within several Australian professions and a desire to know more about their application to tertiary education.

The MSc (Nutrition and Dietetics) course at the University of Wollongong was referred to as a model example.

Coordinator of the MSc (Nutrition & Dietetics), Linda Tapsell, provided Ms Reid with a portfolio of documents including the course outline with details of the integration of competency

standards across subjects.

Assessment tools were included as well as details of the related Committee for the Advancement of University Teaching (CAUT) project, Self-directed Learning in Nutrition Counselling.

Ms Reid also interviewed other lecturers and students involved in the course to gain a view of their experience and opinions.

The afternoon of discussions was very fruitful and broadened to include wider issues across the University, such as the attributes of a Wollongong graduate.

Videos introduce Physics Lab to first-year students

High quality, relevant, helpful; enhancing understanding and performance.

That's how students rate the series of videos developed in the Department of Physics for their first year laboratory courses.

Prepared under a 1993 National Teaching Development Grant which was awarded by CAUT to Dr Roger Lewis, the videos inform all the courses in the 100-level physics laboratory.

The contents of each video are brief, colourful and dynamic, and complement the more formal presentation of the laboratory manual.

The laboratory player/monitors shown here were supplied by the Centre for Staff Development, at the initiative of Glen Moore.

Students can also watch the videos in the Library and borrow or buy them for home use.

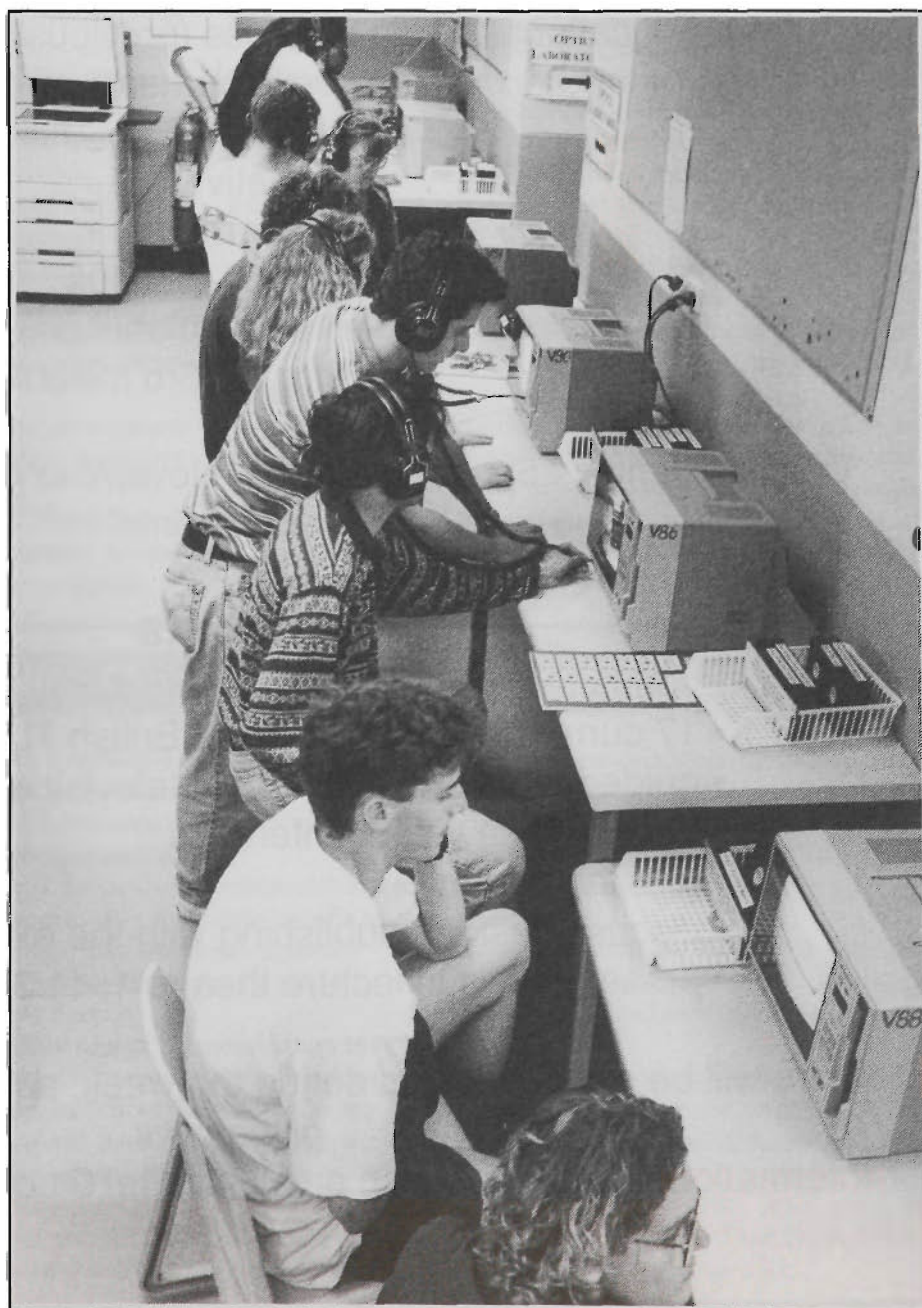
Students value the flexibility and the wide availability of video technology.

A pilot series of videos was made in 1992. Student feedback about the pilot series was incorporated into the full series produced in 1993.

The videos were filmed and edited by a production team including Richard Caladine, Tom Cavdarovski, Merv Fletcher and Grant Stuart.

The physics laboratory videos have proven to be both useful and popular, and have strong endorsement from the students making use of them.

A detailed report on their effect on student learning will appear soon in the 'American Journal of Physics'.



Creative Arts graduate directs 'Away' at Theatre South

Anne Lingard, a Bachelor of Creative Arts graduate in acting, directed the Theatre South Drama Studio production of Michael Gow's 'Away' performed at the Bridge Street Theatre on 10-11 November.

This was the end-of-year project for the Drama Studio's Adult Group which includes a variety of people from all backgrounds who are relatively inexperienced actors.

Several students from the University and TAFE as well as more mature

people from different occupations and backgrounds are involved in Theatre South's Drama Studio.

They spend the first half of each year in workshops and practising new skills and techniques in acting and performance and the second half rehearsing the play chosen for their annual project.

Ms Lingard chose 'Away' because 'I wanted to use an accessible Australian play for people who are new to acting. 'Away has several roles which pro-

vide a fairly even spread of characters for the whole group. It also has good character development in which all the roles undergo experiences and journeys through the play.'

Although not part of the main season at Theatre South, Away was just as much a full production involving set design and construction, sound, lighting, props and costumes.

Ms Lingard has been teaching drama at Theatre South's Drama Studio for three years.

Educational Multimedia Expo

Visit the Communications Centre during the week 28 November to 2 December to explore the educational multimedia services now available from Educational Media Services (previously Education Services Development)

- creative
- integrated
- for on-campus
- for the global university
- for the 3rd millennium

Official opening : 5pm Tuesday, 29 November Communications Centre mezzanine.

Events

- computer-assisted learning programs developed at Wollongong
- 17 current releases from the British TLTP Program
- guided tours and talks about television and video production
- book in for a videoconference
- tour the printery
- discuss desktop publishing with the experts
- presentations in lecture theatre 1, 11.30am and 1.30pm daily

There will be special events during the week, as well as guided tours and giveaways.

Information: Helen Carter on email h.carter@uow.edu.au or phone (042) 213 849.



Trainees (with their certificates) and supervisors (from left), Jacqueline Shaw and Mary Vujica (Geography), Betty Packovska and Margaret Finch (Planning and Marketing), and Sennur Oney and Tina Williams (ITS).

Stepping stone for the future

Gathered together at a recent function, 23 graduates from the Job Skills program were congratulated by representatives from many areas of the University and Illawarra organisations, TAFE and ITEC, where the trainees went for additional training.

Trainees were placed in a range of areas in the University for six months.

Dale Dumpleton, from Personnel Services and the coordinator of the trainee group, said the trainees brought to the University skills they had acquired previously and enthusiasm towards working.

'Without the commitment of the supervisors assigned to each trainee, the program couldn't have run so successfully,' she said.

'Supervisors took on a responsibility and their patience and methods of looking at problems in different ways were very helpful.'

Funding assistance was obtained from DEET. Frank Bishop from DEET said that there is normally a 70 percent success rate within three months of completion of the program.

Eight students from the group already have jobs and ultimately the program is aimed at employment.

Vice-Principal Administration, Ken Baumber, congratulated the trainees, saying 'You survived – the University is a complex place. You've enhanced your skills and added new skills, experience and friendships to your life.'

Trainee Ms Tina Williams has secured a position with Information Technology Services (ITS) as an Administrative Assistant.

She said she loves the atmosphere of the University and the people she has met in her training period.

Ms Shelley Johnson completed her training in Law and has been asked to stay on in the Faculty as an Administrative Assistant.

Kim Noble did administrative work for the Science Centre at Campus East and she will stay in this position. She said she loves the Science Centre as she has a background in both administration and nannying.

'I enjoy working with the children from preschool right through to senior school who visit the centre,' she said.

Do you know of a General Staff member who provides outstanding service to the University?

If so, you should consider nominating that person for this award, which has been established to encourage and reward outstanding or exceptional work performance.

Up to six awards a year, valued at \$1000 (tax free) are available and all members of the staff covered by the General Staff Salaries & Conditions Awards are eligible.

The nomination will meet one or more of the following criteria:

- An outstanding and exceptional achievement or success, with a demonstrated value,
- Outstanding service to clients of the Branch/Department/University,

Vice-Chancellor's Award for outstanding service

with a definable benefit to the clients,

- An outstanding or novel initiative which has been implemented and has a demonstrated value,

- Changes or improvements to work practices of a definable benefit to the Branch/Department/University

A nomination may be made by any three people.

Only one of the nominators may be from the nominees own Department/Branch/School/Division/Centre and no more than one nominator may be from outside the University.

Nominations on the appropriate form and including at least half a page statement from each nominator set-

ting out reasons for nomination, must be forwarded by 30 November to the Head or Unit Manager who must submit the nomination to the Vice-Principal (Administration) by 11 December.

All recipients of the award will also receive an inscribed certificate, which will be awarded on University Day next year.

For further information, refer to the information brochure which is available from the Personnel Services Branch or Faculty Officers.

Alternatively, you may contact Mandy McHenry or Dale Dumpleton, Personnel Officers, ext 3935.

General

22 November: **Women's Issues Group Meeting** for November 1994 will present two speakers from 7.30pm in the Function Centre of the University's Union Building on Northfields Avenue. Hair stylist Fiona Hanson of 'Fiona's Art of Hair' and fashion designer Katherine Philpotts of 'Niagra' will offer their impressions on the speculative topic of 'The Look Of Things To Come'. All are welcome to attend. Refreshments will be provided. Admission: Members \$2.50, Non-Members \$3.50. Parking is available in the Multi-story Carpark: Level D is the most convenient access. Enquiries:

Moira Bowman (042) 84 3741. Members are asked to note that in 1995 the Women's Issues Group will be meeting on the third Tuesday evening of each month.

Human Research Ethics Committee. Agenda Deadline Dates: 9 November, 7 December. Meeting dates: 22 November, 20 December.

Key Centre for Mines courses: 21-25 November: Modelling, Planning and Evaluation of Resources on a Personal Computer. Enquiries: Professor Naj Aziz, phone 21 3449.

What's On

City of Wollongong Symphony Orchestra Concerts

26 November: 'Judy Glen's Spaghetti Opera'. Conductor: JWD, Judy Glen, soprano-comedienne. A comedy of arias interspersed with short pieces from the 'classical favourites' repertoire.

At IMB Theatre, IPAC, at 8pm. Adults \$20, concession \$17, family of four \$64, student rush \$10.

Long Gallery

Until 7 December: BCA Graduating Exhibition. For further information contact Elizabeth Jeneid, phone (042) 21-3048.

Nursing veils out of the cupboard



Airing their veils at the Nursing barbecue

With only a few weeks until the graduating class of '94 are classified as nurses, a farewell with a difference was recently held in their honour.

Traditionally, once students had completed their nursing studies, they were allowed to wear veils with their student uniforms for the world to see that they were almost sisters.

Veils have been worn by nurses all over the world for nearly 100 years as a mark of innocence and purity.

In the '70s, they were replaced with disposable, shorter veils that highlighted a move towards practicality and hygiene.

Then in the early '80s, most hospitals gave away the whole idea although in

some part of the world they still wear veils.

In honouring the veil tradition, final year nursing students and staff learned how to fold veils and then showed them off at a barbecue lunch.

Senior lecturer in Nursing, Tracey McDonald, said, 'In these modern and dreadfully efficient times such pleasantries have become lost - some might say thank goodness!

'But we at the Department of Nursing thought that whatever the politically correct stance might be on veil wearing, the students should have an opportunity to touch base with their nursing heritage - just once.'

Visiting Nursing lecturer, Sugunya

Lojanapiwai from Prince of Songkla University, Thailand, was invited to inspect the veils as they are still worn in Thailand.

She judged the best veil-maker as Jodie Massey who was awarded a Nursing T-shirt for her efforts.

Stop Press

Campus News is published weekly on Wednesdays. Send material, preferably by Microsoft Mail or on disk, to E-Mail account 'Campus News' by noon on Monday of the week before that of publication.

For any other enquiries contact the Editor, Gillian Curtis (042) 21 3926.

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