

## Assignment 2 Demo Sessions

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- You must attend 1 (only) assignment demo sessions.
- Tentatively
  - ▶ Friday Aug 16 16:45-19:00
  - ▶ Monday Aug 19 13:00-15:15
  - ▶ Wednesday Aug 28 17:00-20:15
- Demo sessions start in a lecture theatre (location TBA) for introduction then move to CSE labs
- They will be an email asking you to indicate which session you will attend so we know roughly how many attending.
- Not compulsory to attend that session.

## Assignment 2 Assessment

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- Groups of 6 formed.
- You assess 5 other students' assignments.
- You demo to the other 5 students.
- You must enter assessment of 5 other students assignments.
- 30 grades for various attributes to be entered via online form.
- Mark will be from median of grades for each question.
- 1-2 unfair assessors won't change your mark.
- Appeal possible to Andrew who will attend all sessions.

# Course Aims

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This course aims to explore a range techniques, language and tools for the development of software systems.

Hopefully you now:

- understand a wider range of programming languages, tools and techniques
- understand more about how/when to apply these languages, tools and techniques

You've been given only an introduction to these topics but you should be better equipped to:

- given a problem and choose language/tools
- construct a complete software system to meet the problem
- determine how correct/reliable/efficient the system is
- improve correctness/reliability/efficiency of the system

# Syllabus/Topics

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- Unix filters
- Regular expressions
- Shell
- Git
- Perl
- Javascript
- webserver\*
- make\*
- Performance/Language choice/cost\*

\* not on final exam

With small gap between session & final exam, decided to have no exam questions on last 3 topics

# Assessment

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Assessment summary from the introductory lecture:

```
ass      = mark for assignments      (out of 30)
labs     = mark for labs              (out of  9)
test     = mark for weekly tests     (out of  6)
exam     = mark for exam              (out of 55)
mark = ass + labs + exam
```

```
ok_exam = exam > 25
```

```
grade     = HD|DN|CR|PS  if mark >= 50 and ok_exam
           = UF           if mark >= 50 and not ok_exam
           = FL           if mark < 50
```

Note: labs + test + ass1 marks will be available before the Final Exam.

Check via `/home/cs2041/bin/classrun -sturec`

## Lab & Test Marking

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- Lab marks from weeks 1..10 summed and capped at 9.
- Tests were weeks 3..10.
- Best 6 of 8 test marks summed to give mark out of 6.

# Exam

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- Internal exam run in CSE labs.
- The exam will run in two sessions Friday 16/08
- Sessions 9:15-12:30 & 12:20-16:10
- Students with clashes automatically scheduled to non-clashing session.
- Seating details will appear on class web page 48+ hours prior to actual exam.
- Closed book exam - no materials allowed.
- Online language cheatsheets & documentation see:  
<http://www.cse.unsw.edu.au/cs2041/19T2/exam/>
- Some weekly test questions are past exam questions.
- Attendance slip will be A4 and most of it available for rough work.

## Exam Part 1

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- Must be completed during 1st 30 minutes of 3 hour exam.
- No use of computer allowed during this part except to enter answers into application and view online documentation,
- You can not run Perl or Shell or Node or ....
- 15-20 questions
- Emphasis on reading Shell/Regular expressions/Perl/Javascript
- Some questions will ask you to read code and indicate what it does.
- Questions will be short answer or multiple choice Exact format (skeleton exam) released by 17:00 day before actual exam.



## Exam Part 2

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- 12 questions
- You get the part 2 questions at the start of the 3 hours but questions will require typing answers into a separate file which you won't be able to do until the first 30 minutes is up.
- Most questions will ask you to write Shell/Regular expressions/Perl/Javascript code
- Some question will specify one language.
- Some questions will allow Shell, Perl or Javascript
- Other languages (Python, C, C++, Java, Rust, ..) not permitted.
- Questions will usually include examples.
- You may or may not be given test data or other files
- 1 or more autotests may be done on submission. This does not guarantee any marks. Do your own testing.
- There may be no submission tests for some questions.
- It is not sufficient to match any supplied examples.

## Part 2 - Marking

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- Your answers will be run through automatic marking software.
- Please follow the input/output format shown exactly.
- Please make your program behave exactly as specified.
- All answers are also hand marked. The automatic marking is to assist these markers.
- No marks awarded for style or comments.
- Use decent formatting so the marker (and you) can read the program.
- Comments only necessary if you want to tell the marker something.
- Minor errors will result in only a small penalty.
- E.g. an answer correct except for a missing semi-colon would receive almost full marks.
- No marks will given unless an answer contains a substantial part of a solution ( $> 33\%$ ).
- No marks just for starting a question and writing some code

## Special Consideration

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- By attending the exam, you are saying "I am well enough to sit it".
- If you are unwell, see doctor apply for Special Consideration.
- If you become ill during the exam, talk to an exam supervisor.

# Provisional Results

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- Exam marks will be made available via class database when marking is complete.
- I'll send email announcing this.
- Marking will takes 11+ days.
- Your will receive marks for individual exam questions.
- Provisional marks will be emailed to you by Sept 3
- You will be emailed time(s) which you can view your exam and check marking.
- Final results will appear on myunsw.

## Supplementary Assessment

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- UNSW supplementary exams are now run centrally.
- Supplementary exams are for students who miss original exam due to illness/misadventure.
- If this is you - apply for special consideration.
- Potential graduands who do not pass may also be offered supps.
- Lecturers & schools can not offer supps.
- Students with borderline results are no longer offered supps.

## Supplementary Exam

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- Supplementary exams centrally timetabled for week of 9-13 September
- Similar format to final exam (no skeleton released).
- Supplementary assessment offers will be sent by email.

# COMP2041/9044 - The Bad

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- Post-Javascript lectures not integrated
- Need more Javascript labs & tutes.
- A lot to learn: regex/sh/Perl/Javascript/...
- Not enough time to cover (so) many things
- Labs a lot of work - but you learnt a lot
- Assignments a **lot** of work - but you learnt a lot

# COMP2041/9044 - The Good

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- Labs & tutes (do you agree??)
- Weekly Tests (do you agree??)
- Tutors
- Piazza
- Students



## And that's all ...

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- Good Luck
- I hope what you've learnt in this course will be useful.
- I hope you get the mark you deserve.