

Assignment 2 Demo Sessions

You must attend 1 (only) assignment demo sessions.

Tentat

- Friday Nov 2 13:00-15:30
- Friday Nov 9 17:30-20:00
- Thursday Nov 15 17:30-20:00
- Tuesday Nov 20 17:30-20:00

Demo sessions start in a lecture theatre (location TBA) for introduction. then we move 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

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 obtained 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

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

- Perl
- Regular expressions
- Shell
- Unix filters
- Javascript
- Language choice/comparison - cost, performance, security
- Performance tuning

All topics are potentially examinable but few exam questions on last 2.

Assessment

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
```

```
okExam = two part 3 questions solved
```

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

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

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

Lab & Test Marking

Lab marks from weeks 2..13 summed and capped at 9.

Tests are weeks 5..12.

Best 6 of 8 test marks summed to give mark out of 6.

Labs are weeks 2..13.

Best 11 of 12 lab marks summed to give mark, capped at 9.

Exam

Internal exam run in CSE labs.

The exam will run in two sessions Thursday 15/11

Sessions are tentatively 9:15-12:30 & 12:20-16:10

Students with clashes automatically scheduled to non-clashing session.

Other students can optionally indicate preference for morning/afternoon at URL emailed to you in stuvac.

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/cs2041/18s2/exam/>

some past questions released in stuvac.

Some weekly test questions are past exam questions.

Attendance slip will be A4 and most of it available for rough work.

Exam has 3 parts - do all of them!

Exam Part 1

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

- Probably about 7 questions
- Emphasis on reading Shell/Regular expressions/Perl/Javascript
- Some questions will ask you to read code and indicate what it does.
- Questions will mostly be short answer

Exact format (skeleton exam) released 24 hours prior to actual exam.

Exam Part 2

- Probably about 7 questions
- Some questions might ask you to write Shell/Regular expressions/Perl/Javascript code

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.

Exact format (skeleton exam) released 48 hours prior to actual exam.

Exam Part 3

Probably 6 questions

You get the part 3 questions at the start of the 3 hours but you can not run Perl/Shell/Node/... or type them in until the first 30 minutes is up.

Almost all students spend the 30 minutes working on the written questions.

You must perform satisfactorily on the exam to pass the course.

This is defined as solving at least two of the part 3 questions completely.

Exact format (skeleton exam) released by noon day before exam

Part 3 - Questions

- Questions will describe a task and ask you to write a program that performs this task.
- Questions will usually include examples.
- A question may give you some code to start with - most/all will not.
- You may or may not be given test data or other files
- 1 or more tests 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.
- Several questions may specify a language: one of Shell, Perl or Javascript.
- Majority of questions you can choose: Shell, Perl, Javascript, Python or C
- Other languages (C++, Java, Rust, ..) not permitted.

Part 3 - Marking

- 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

By attending the exam, you are saying "I am well enough to sit it".
If you really are sick, stay home and apply for Special Consideration.

Applications for Special Consideration from people who sat the exam will be ignored.

If you become ill during the exam, ask the supervisor to contact me and then talk to me.

Provisional Results

Provisional results will be made available via classrun when marking is complete.

I'll send email announcing this.

Marking usually takes 7-10 days (more if you bug me).

Provisional marks will be emailed to you by Tuesday 27

You will be emailed time(s) which you can view your exam and check marking.

Final results will appear on myunsw.

Supplementary Assessment

Most people offered supplementary exams because they miss original exam due to illness.

Examiners meeting may also offer students with borderline results & good transcripts supplementary assessment.

I'll offer supplementary assessment to students with borderline results.

See course outline for details.

Please don't plead to be treated specially - I am careful to treat all students equally.

Students who sat the final exam can not increase their mark beyond 50 in the supp.

Students who have passed the subject are not normally offered supplementary assessment.

So if you get a PS but you expected a DN you won't get a supp normally.

Supplementary Exam

Similar format to final exam (no skeleton released).

Supplementary exam will be week Dec 10-14.

There is no alternative to the supplementary exam - if you miss it your grade will be FL.

If you think you might be offered supplementary assessment make sure you are available that week.

Supplementary assessment offers will be sent by email.

COMP2041/9041 - The Bad

- Lecture time not used efficiently.
- Javascript lectures should have started a week earlier with gentler intro
- 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

COMP2041/9041 - The Good

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

And that's all ...

Good Luck

I hope what you've learnt in this course will be useful.

I hope you get the mark you deserve.