

PE (PRACTICE EXERCISES (PE01, PE02))

What is a PE?

A PE is a set of exercises (most typically among the ones found in the handbook and possibly additional ones as may be posted on this web site) that you do for practice during the lab sessions.

A PE is handed-in during the Lab session of the corresponding scheduled Lab section (Lab01, Lab02, Lab03), when the corresponding PE is due.

When is the PE due?

No later than the end of the corresponding lab period on the due week.

PE 01 would be due the week of Feb 27, which means that PE 01 would be due on

Feb 28 for Lab01,
Mar 1 for Lab 02, and
Mar 2 for Lab 03.

PE 02 would be due the week of Mar 19, which means that PE 02 would be due on

Mar 20 for Lab 01,
Mar 22 for Lab 02, and
Mar 23 for Lab 03.

How do I hand-in the PE?

1. Give your printed copy of the PE to the 1560 TA who is in the lab.
2. Show your student ID card to the TA for verification purposes.
3. Sign the “submitted PE” form that the TA carries at the time.

What do I hand-in?

- Printed copy, including cover page. (see sample cover page at the end).
- Name, student number, Time as header on *all* printed pages (including the cover page).

- The exercises of the PE (pages 2 - end). Each exercise should show your MAPLE code and the output of that code.

What Criteria would be used to evaluate my PE?

A. Formatting of code

1. Proper indentation in the code.

B. Readability

1. Sensible variable names (e.g., use *CurrentSalary* and *PreviousSalary* for two variables that represent salaries in your computation, and **not** *X* and *Y* ; or, use *Radius*, *Perimeter*, *Area*, **not** *X*, *Y*, *Z*).

C. Correctness

1. Produces and shows correct output.

D. Overall

1. Name, student number, Date (including time) as header on **all** printed pages.
2. Each exercise should start on a new page (but a single exercise may span more than one page).
3. Has cover page properly formatted.
4. Each exercise properly identified (by number as appears in the course-kit, or as announced on the web site) at the beginning of the page where the exercise starts in the PE that is handed-in.

How each exercise within a PE is evaluated?

- Evaluation result for each exercise within a PE is either 0 or 1 (e.g., if the PE has 10 exercises, it can receive a maximum of 10 (if all exercises receive 1), and a minimum of 0 (if all exercises receive 0).
- How do I get 1 for an exercise?
 - 1 if *all* evaluation criteria are satisfied for that exercise.
- How do I get 0 for an exercise?
 - 0 if one or more evaluation criteria are not satisfied for that exercise.

What if the number of exercises in a PE is different from the PE's weight (greater than, or less than the PE's weight)?

Then the PE's weight would be divided by the number of exercises in the PE and the result would be the weight of each exercise. **Example 1:** PE01 is worth 5% (i.e. the weight of PE01 is 5%). What if PE01 has 10 exercises? Then each exercise within PE01 would be of weight 0.5%. **Example 2:** PE02 is worth 15% (i.e., the weight of PE02 is 15%). What if PE02 has 5 exercises? Then each exercise within PE02 would be of weight 3%.

I do a lot of practice, including practicing with many exercises from the course-kit. Can I hand-in all or any exercise that I practice?

Not all exercises from the course-kit would comprise a PE. Selected exercises would be associated with the corresponding PE as the deadline for that PE approaches. Those exercise numbers would be announced on the web site at least a week before the corresponding PE is due.

Would all Lab sections have the same exercises for a PE?

They will have the same 'degree of difficulty' but not necessarily be the same exercises. The exercises for PE 01 for Lab 01 may be different from those for Lab 02, and those may be different for Lab 03; similarly for PE 02.

Can I hand-in an exercise that I did even though the exercise was not among the ones designated to be part of a PE?

Yes, but it will not be marked or count for that PE. You can hand-in such exercises separately (*not* as part of the PE that you hand-in) by dropping them into the drop box of 1560. Informal feedback for such practice work can be sought during office hours of the instructor and during your lab session from the TA.

Can I hand-in an exercise that was not among the ones designated for a PE **and have it replace one of the exercises that comprise that PE?**

No.

I am in lab section LabX (X = 01, or 02, or 03) ... Can I hand-in my PE during LabY (Y different from X)?

Please avoid this, since the current lab TA will not be able to handle any excessive number of submissions beyond the registered lab section's students and has to attend to other obligations immediately after the designated lab period (which means that the TA may not be able to stay in the lab beyond the normal lab session hours). Also, the TA of the running lab session could be attending to students' questions from students who are attending the current lab session.

Sample cover page (use this format for your cover page for submitted PE)

myLastName, myFirstName, 123456789, Jan 23, Mon, 2:35 pm

Last Name: *myLastName*

First Name: *myFirstName*

Student Number: *123456789*

Course: *1560.03 M, W12*

Lab section: *Lab 01, (...or Lab02, or Lab03)*

COMPONENT: *PE 01 (or PE 02)*

Date: *Jan 23, Mon, 2:35 pm*