Introduction To Programming: Independent Investigative Effort 5

Due: See Canvas→Assignments for due dates, marks and submission link.

Marks: IIEs are not tests. Marks are given based on effort and not on correctness of work posted by the student via the IIE forums. Marks turnaround time is approx. 10 working days after submission close, which is the standard turnaround time set from the university.

Obtaining help method 1: Create a post in the corresponding Canvas→Discussions→IIE forum, post a screenshot of your preliminary/faulty code along with a brief explanation of the issue and your tutor will help in a general way. All debugging will still need to be done by the student as it is an important aspect of programming. Your tutor may ask you to replicate the issue in a general way in order to help with the debugging.

Obtaining help method 2: *Weekly Assessment Help Tutorials* (not to be confused with 'Live Lectorial') of this week will give directions (not solutions) on how to approach this IIE. Check recordings of live lessons if you cannot attend.

Getting feedback: For specific questions asked, you will receive feedback via the IIE forum within 1-2 working days by your group tutor. If you ask during a tutor's 'Weekly Assessment Help Tutorial', you would receive feedback immediately.

Late submissions: Accepted for up to 1 week with an automatic 10% penalty for each day late (unless special consideration received).

Solution: Solutions, recommended approaches, common mistakes to avoid, etc. for main tasks will be shown during the *Weekly Live Lectorial* by Gayan that starts at the time of submission.

Access issues: For non-programming technical issues (relating to infrastructure, passwords, etc.) please call the RMIT IT Service and Support Centre for quick help on 03-9925 8888 and remember to ask for a reference number and pass it on to your instructor.

Extensions: For all new extensions or extensions on multiple assessments, apply for special consideration online. If the online application system is unavailable, email special.consideration@rmit.edu.au using your official @student.rmit.edu.au email account. Contacting your tutors/instructors first will lead to delays.

Please follow/complete all steps below in the given sequence:

1. Check your official RMIT @student.rmit.edu.au email account for important communication including announcements.

2. Watch any unwatched recordings of the **Weekly Live Lectorial** and your tutor's **Weekly Assessment Help Tutorial**.

3. Follow the exercises under Canvas→Modules→Week 5.
If there are any unresolved issues or questions, ask your tutor via a relevant forum under Canvas→Discussions. Leaving gaps has shown to be severely detrimental to learning.

4. Please refer to the pre-deadline feedback under Canvas->Announcements->Week 4 Assessment deadline extended - Use this early feedback to get an even higher mark

5. Did you watch your group's Assessment Help Tutorial for this week? (not to be confused with the "Weekly Live Lectorial") for directions on how to complete the following? Note that tutors can give you directions (not solutions) but all coding and debugging effort must be demonstrated by the student.

Need help? Your code does not need to be correct to ask via the IIE forums as **IIEs are not marked based on correctness**.

Tip: When completing the following, be mindful of the constraints and the requirements as set in the most recent/latest major assignment whenever possible. Doing so will give you more practice for completing future major assignments.

Create a forum post under Canvas→Assignments→IIE05 with your solution from Canvas→Modules→Topic 4.3.4. The marks for this IIE are equally divided for demonstrating effort on:

a. Using lists and while-loops (you will need to adapt the sets and any for-loops used to meet this constraint)
b. Use of functions (create additional functions when it is possible to reduce code and logic duplication)
c. Use of modules. Visually separate out your modules when posting so that your tutor can differentiate them easily (e.g. use colour to add headings, create separate posts, etc.)
d. Formatting strings.

Note that up to half of the mark allocated will be deducted for not showing justification effort.

Finally, remember to perform dummy submissions for major Assignments: Until you have an actual program to submit for a major assignment, you must submit all .py files that you create as a part of the weekly work as an indicator of progress. These files are submitted to the actual assignment pages but they can be overwritten any number of times. Please submit the .py files (in one go) to:
Canvas→Assignments→Week 8 Major Project
Canvas→Assignments→Week 12 Major Project
Tip: The submission system might rename your file upon further submissions and do not worry about this.

6. Have more questions? Post as many times as you like and need to get the work done! If there is an issue, your tutors will help you.