

HIT137 Assignment 2, 2022 (Group assignment)

How to submit this assignment

Your submission should PY file.

- Save the py file using your lastname_firstname.py
Azam_Sami.py
- You will have 2 problems to solve and you submit an individual PY file for each solution.
- Make a folder containing those 2 PY files and submit your folder (You may need to ZIP the folder).
- Clearly label each question and any sub-sections.
- Provide maximum possible comments so the code becomes easier to read.
- You should also make a recording of your application (1-minute max for each application) and post it online and share the link. Please keep your link private. **(No video – No marks)**
- **Don't forget to put your name on the solution file. Both of your name should be there and any one of you can submit the file.**

Questions 1 - 10 Marks

Create a program using turtle. The program can be any graphics, racing of elements, or building a nice interface. This should be done by moving the turtle around the screen, not by using any function that prints text/graphics onto the screen.

Question 2 - Open-ended question - 20 Marks

This is a free-will project that you can create from your own choice. It can be anything based on what you have studied in the class. Some example ideas could be:

- Interactive GUI Game
- Business Management Application (Examples: Sales, Inventory, Library etc)
- Informative GUI based applications (Examples: Quiz, Notetaker, Calendar, Scientific Calculator etc)
- Any other application that you think you can build

Note: For both questions:

- The marks will be awarded based on the topic/game selected, application of the Object-oriented Programming concepts, creativity, GUI User Interface design, logical structure, adequate use of comments and the clarity of your code.

- You cannot use any other module/packages/concepts that have not been discussed in the class. If you use it, you will be marked zero for this.