# CSD 1133/1233 – Assignment 05

In this assignment you will be answering the following Programming Challenges from the end of Chapter 04 of the Python textbook (pg. 203-205): **Q5, Q8, Q10, Q12**

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Marks will be deducted from your submissions if:

- Programming style isn't consistent (CSD 1233)
- Programs are not commented (CSD 1133/1233)
- Programs are not well structured (CSD 1133/1233)
- Variable name style isn't consistent throughout the program (CSD 1133/1233)
- Variable names are not meaningful (CSD 1133/1233)
- Constants are not declared in the appropriate style and/or manner (CSD 1133/1233)
- Prompts are not utilized and/or not meaningful (CSD 1133/1233)
- Output is not annotated and/or annotated in a meaningful manner (CSD 1133/1233)
- Incorrect output is produced – Includes appropriate formatting (CSD 1133/1233)
- Decision & repetition structures are not used or used appropriately when needed (CSD 1133/1233)

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## Part 1: Program Design

*At the top of each file please include your name, c#, question being attempted, and date in a python comment block

For Programming Logic (CSD-1133) you are to design a flowchart in Raptor for each of the above mentioned questions. Your submission should include the following files:

- ***yourC#_Q5.rap***
- ***yourC#_Q8.rap***
- ***yourC#_Q10.rap***
- ***yourC#_Q12.rap***

**IMPORTANT:**

- Part 1 should be submitted to the appropriate dropbox on the Program Logic (CSD-1133) course website.

## Part 2: Program Implementation

*At the beginning of each raptor flowchart please include your name, c#, question being attempted, and date as a Raptor comment

For Python Programming (CSD-1233) you are to translate your Raptor flow charts from Part 1 to an equivalent python implementation. Your submission should include the following files:

- ***yourC#_Q5.py***
- ***yourC#_Q8.py***
- ***yourC#_Q10.py***
- ***yourC#_Q12.py***

**IMPORTANT:**

- Part 1 should be submitted to the appropriate dropbox on the Program Logic (CSD-1133) course website.
- Part 2 should be submitted to the appropriate dropbox on the Python Programming (CSD-1233) course website.