

Lab 1: Intro to Programming

Due Thursday 20th July 2019.

Ex 1 Swap Function (40 Points)

Design a Program that:

1. Takes input 2 integer values A & B.
2. Prints the values in order A followed by B.
3. Swap values and print again in same order.
HINT: No marks awarded for printing in opposite order, swap values in variables using a third temporary variable.

Ex 2 Complete Calculator using Switch Case (60 Points)

Design a Program that:

1. Takes input two User values A & B.
 2. Displays list of available functions , user enters selection by entering a number corresponding to the function.(Use Switch-Case)
 3. The program should perform the selected function and print the results on the next line.
 4. The Program should not exit after this , but return to the main menu and offer choice again (Use While Loop)
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General Instructions:

1. Follow Indentation Conventions and **Comment on every significant line of code.**
 2. Readability will be awarded extra marks.
 3. **Pseudo-Code required;** can be short hand , hand written or typed , just indicate your thought process to tackle the given problem.
 4. **Tutors are present for your help , if you get stuck ,ask for help.**
 5. We are all here to learn , ask away anything , there are no dumb questions.
 6. Failure is Good. Try Again.
 7. Plagiarism will not be accepted. Sure, do help your fellow classmate understand concepts , but **DON'T SHARE CODE.**
 8. If you are unable to complete during class hours , all labs are take-home assignments to be submitted before class next day.
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