Assignment # 1 (Deadline 21/11/2021 – 11:59pm)

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BEWARE: CHEATING / COPYING WILL BE CONSIDERED AS A CRIME.

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Question 1) Write a C++ program that takes input a number greater than 9999 and less than 100000. Then breaks every digit of the number and adds them separately in another variable. Then prints that variable.

(Example: if user inputs 34562, the program should add 3+4+5+6+2 and output should be 20)

1. Draw a flowchart by hand.
2. Write the code and save the .cpp file.
3. Write the code by hand.

Question 2) Write a C++ program for the following scenario:

Takes input a number greater than 9999 and less than 100000. This will be your account balance on the 1st day of the month. You have to pay medical bills of rupees 93/- every day for 9 days. You also have your daily allowance of rupees 50/- for 30 days. Your company would return your medical bills up to rupees 500/-. What is your bank balance at the end of 30th day of the month?

1. Draw a flowchart by hand.
2. Write the code and save the .cpp file.
3. Write the code by hand.

Submit the take picture of the hand written flowchart and code and convert to pdf. Make a zip file containing this pdf and .cpp file and upload on the portal.

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