Lab 3 Introduction to PASS, Operators and Basic I/O

Q-3. a) Write a program that read a three-digit number and print the sum of the digits. Expected output of the program are as follows:

> Enter a number of three digits: <u>456</u>
> Sum of digits is: 15

> Hint-1: For example, input a number N = 346, the output should be 3+4+6 = 13.
> Hint-2: Use % and / operators.

*You should test your program using PASS.

b) Extend the program of part-a, to read a decimal number that has one decimal places and three whole number places, then print the sum of these digits. Expected output of the program are as follows:

> Enter a decimal number: <u>247.5</u>
> Sum of digits is: 18

> Hint: For example, a number N = 123.4 the output should be 1+2+3+4 = 10.

*You should test your program using PASS.