

LAB TEST 03

Question 01

Write a Python program to store your name (as in LMS), birth year, height(in feet), sNumber, whether you like to exercise or not and print all the details afterwards according to the below format.

Expected Output: -

Hello All! I am Shani and I was born in 1999

My height is 5.5 feet

Student number : s123456789

Like to exercise : False

Question 02

Create two Python functions to multiply and divide when two numbers are given as arguments. Then write a program to get two inputs from the user and forward them to the two functions and then print the returned output. But, before forwarding to the functions, the program must check and send arguments in an order that the divide function always return a value greater than or equal to one.

Expected Output: -

Scenario one: when first number greater than or equal to second number

Enter number one: 10

Enter number two: 5

Multiplication: 50.0

Division: 2.0

Scenario two: when first number smaller than second number

Enter number one: 5

Enter number two: 10

Multiplication: 50.0

Division: 2.0

(If the 'Division: 0.5' it is wrong.)

Question 03

1. Type your sNumber as a comment (Eg:- #sNUmber : s15001239)
2. Type the last digit of the sNumber as a comment (Eg:- #last digit : 9)

Now get the object in the index that matches the last digit of your sNumber from the list below. (for last digit from 5 to 9 repeat the index from 0 to 4)

Objects = ['Fish', 'Bicycle', 'Guitar', 'Microwave Oven', 'Debit Card']

3. Write a Python class to the object you selected that includes any matching four instance properties and one instance method (method should accept at least one parameter and print what the method is doing with that parameter).

eg:-

Object: Human

Properties: hair_colour, height, weight, gender

Method: eat(<food_to_eat>) - output : "eating < food_to_eat>"