18CSC207J-Advance Programming Practice - Structured Programming – Lab Programs

Lab session 4 - Revision of structure, procedure and object oriented Programming

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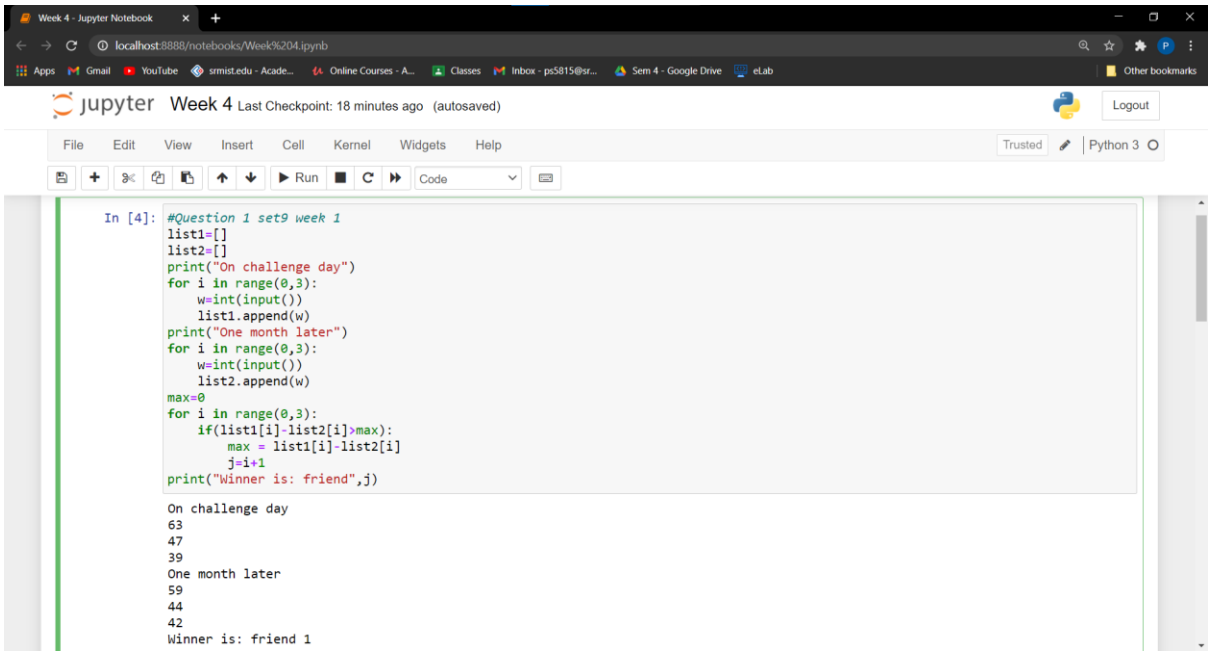
Class :-CSE F1

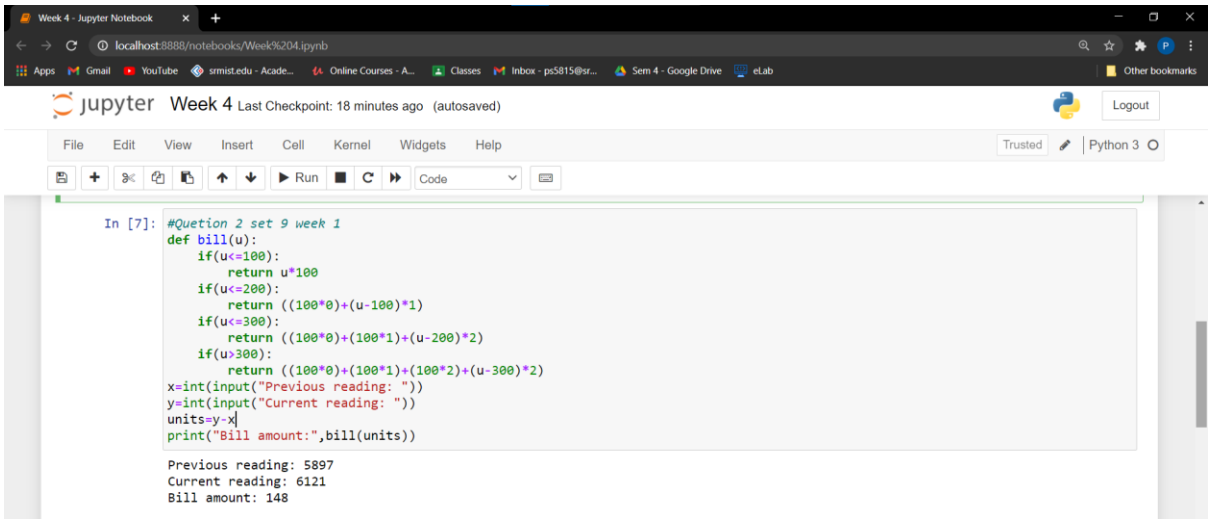
Set:- 9

WEEK-1

1. Friend of three are going for the weight loss challenge. The winner will get exciting prizes
from other two.
input:
Challenge day:
friend1-63
friend2-47
friend3-39
one month later:
friend1-59
friend2-44
friend3-42
output:
Winner is: friend1

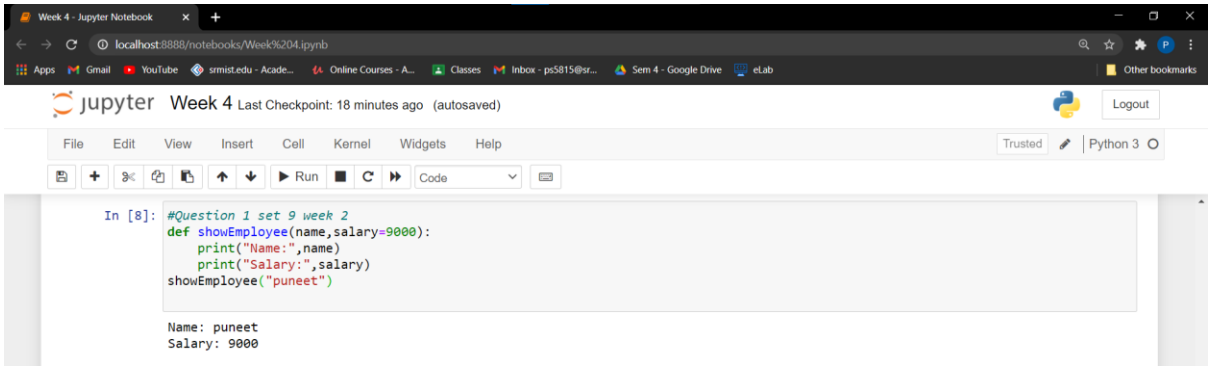


2. Using python programming, Find the electrical bill to be paid from the previous and
current reading. Rule slab is given below.
Units 0-100 - Rs.0
Units 101-200 - Rs.1.00
Units 201-300 - Rs. 2.00
Units 301 - more - Rs. 3.00
Input:
Previous reading: 5897
Current reading: 6121
Output:
Bill amount: 148

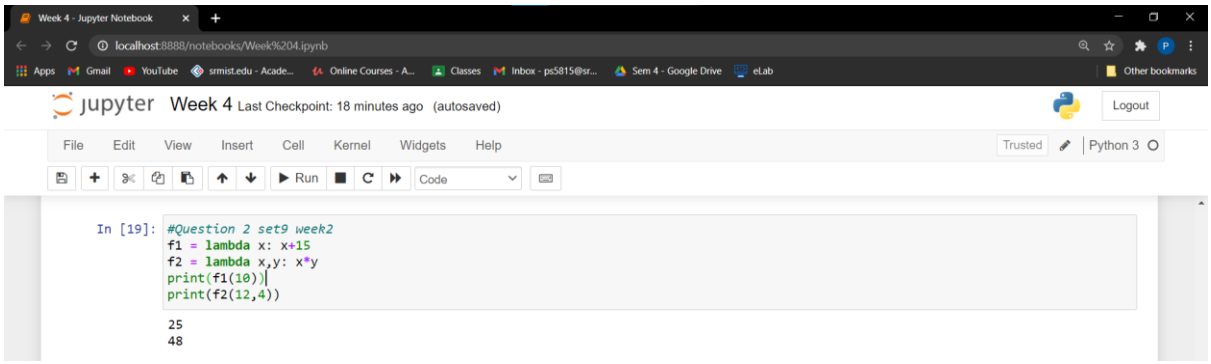


WEEK-2

1. Create a function showEmployee() in such a way that it should accept employee name, and it's salary and display both, and if the salary is missing in function call it should show it as 9000

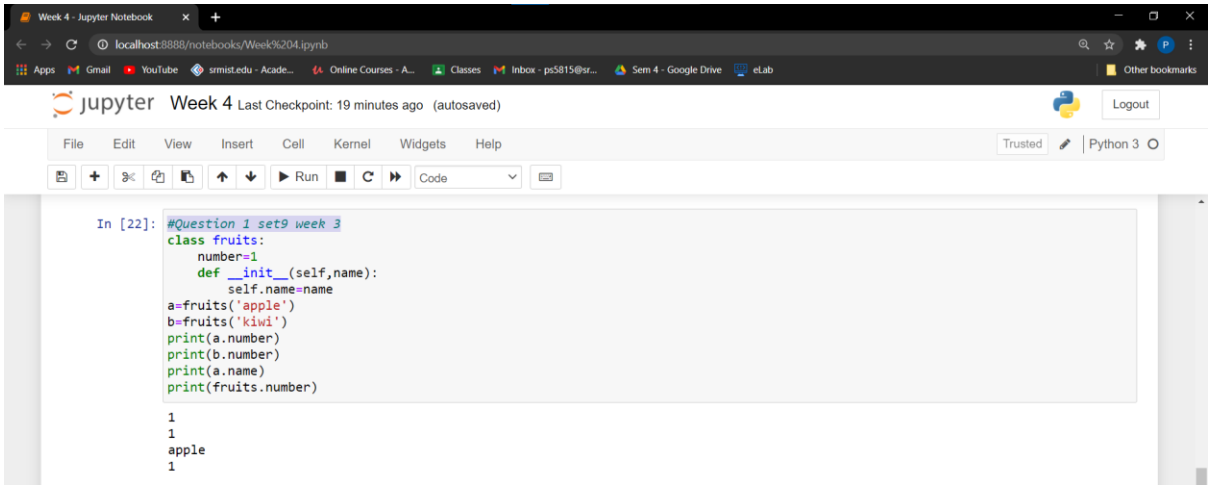


2. Write a Python program to create a lambda function that adds 15 to a given number passed in as an argument, also create a lambda function that multiplies argument x with argument y and print the result.



WEEK-3

1. Write a Python program to show that the variables with a value assigned in class declaration, are class variables and variables inside methods and constructors are instance variables.



2. Write a Python program to show that we can create instance variables inside methods