

## Classes and Objects

- 1) Write a Python program for finding area of rectangle using classes?
- 2) Write a Python Program to Create a Class in which One Method Accepts a String from the User and Another Prints it?
- 3) Write a Python Program to Create a Class and Compute the Area and the Perimeter of the Circle?
- 4) Write a Python class to reverse a string word by word?
- 5) Write a Python class to get all possible unique subsets from a set of distinct integers.  
Input:[1,2,3]  
Output:[[],[3],[2],[2,3],[1],[1,3],[1,2],[1,2,3]]
- 6) Write a class program for complex numbers?