OOP

Lab Sessional l

Marks=30

Question no 1

A phone number such as (0300) 345-8900 can be thought of as having three parts:

* the area code (0300)
* the exchange code (345)
* the number (8900)

Write a program that uses class a class to store these part of a phone number separately. Call the class phone. Create two class objects of type phone. Initialize one and have the user input a number for other one. Display the both number.

Question no 2

Write a program which has class name as “pizza” which have following function

* Make constructor to initialize the data-members
* “display” to display the menu
* “order” function to take the order from customer
* “bill” function to calculate the customer bill

For this purpose, create two object to access the class “pizza” functionalities.

Question 3

Create a class named as “Area”, having functions

* Make a constructor
* Area of triangle ((height \* base)/2)
* Area of rectangle (length\*width)
* Area of square (r2)
* Area of circle (pi \*r\*2)