**Lab6:** This is 4% of your over all marks. UPLOAD only .java files

Question:

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**INSTRUCTIONS: Make sure you follow all the instructions**

1. This program will be written using concepts of object , classes, constructors ,accessor mutators

**Instruction for class Customer**

1. Create a class Customer:
   1. it will have 2 class variables name and number .Both should be private. Also create accessor and mutator for both private variable
   2. This class will have 2 constructor

default constructor –no parameter constructor

constructor with 2 parameters customerName and Number

1. Create below 4 methods : Do NOT use static methods
   1. Calculate Total amount(double amount1)and return Type will be double : Apply the formula :13% \*amount1
   2. Calculate Total amount(double amount1,duble amount2)and return Type will be double : Apply the formula :13% \*(amount1+amount2)
   3. Grand total( double total amount) . The return type will be VOID

Formula for grand total is total amount + shipping amount .Print the grand total

1. **Create class TestCustomer:**
   1. Create 1st object using default constructor
   2. Now ask user to enter name and numbers
   3. Create 2nd object(let’s give name as c2) using parameterized constructor using the user’s input
   4. Ask user to input how many items they have ordered : 1 or2 ?
   5. If user enter1 then ask only 1 time to enter amunt1
   6. If user enter2 then ask user to enter 2 amounts
   7. Based on the choice call TotalAmount method
   8. And then call grandtotal method.