

Week 6 Tutorial

Question 1

Create the following three classes:

- Restaurant (Super Class):
 - Instance variables: name and address
 - Parameterized Constructor with name and address as parameters.
 - Assign the parameter's value in instance variable using this keyword
 - display() – prints all the values
- MyRestro (Sub Class):
 - Instance variable – offer
 - Parameterized Constructor with name, address and offer as parameters.
 - Call super constructor by passing name and address
 - Assign the value of offer in instance variable using this keyword
 - display()
 - display() call super class's super method
 - print the value of offer
- OurRestro(Sub Class)
 - Parameterized Constructor with name and address as parameters.
 - Call super constructor by passing name and address

Using BlueJ, create object of MyRestro and then call display() method. Also, create an object of OurRestro and call display() method.

Question 2

Create the following two classes:

✓ Employee (Super class):

- Instance variable: name and salary
- Parameterized Constructor with name and salary as parameters.
 - Assign the parameter's value in instance variable using this keyword
- show() – prints the name and salary

✓ Programmer (Sub class):

- Instance variable – bonus and progLanguage
- Parameterized constructor with name, salary, bonus and progLanguage as parameters
 - Using super keyword call parent constructor by passing name and salary in parameter
 - Assign the bonus and progLanguage values in instance variable using this keyword
- show ()
 - Using super keyword call parent's show () method
 - Print the bonus and progLanguage

Using BlueJ, create an object of Programmer and then call show() method.