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**Experiment # 3: Design main method in the same class with the concept of constructor**

**overloading.**

Write a java program to create a class ***Student5*** with three instance variables ***id (type int)***, ***name***

***(type String)***, and ***age (type int)***.

Create a first constructor that initialize the values of ***id*** and ***name***.

Create a second constructor that initialize the values of ***id***, ***name***, and ***age***.

Write a method that display the value of ***id***, ***name***, and ***age***.

Write a main method to test your code by creating objects using the two constructors.

Answer:

package Experiment3;

public class Student5 {

    int id;

    String name;

    int age;

    Student5(int id, String name){

        this.id = id;

        this.name = name;

        this.age = -1;

    }

    Student5(int id, String name, int age){

        this.id = id;

        this.name = name;

        this.age = age;

    }

    void display(){

        if(age!=-1)

            System.out.println("ID: "+id+", Name: "+name+", Age: "+age);

        else

            System.out.println("ID: "+id+", Name: "+name+", Age: Not Provided");

    }

}

package Experiment3;

public class MainTest {

    public static void main(String[] args) {

        Student5 student1 = new Student5(550, "Zahid");

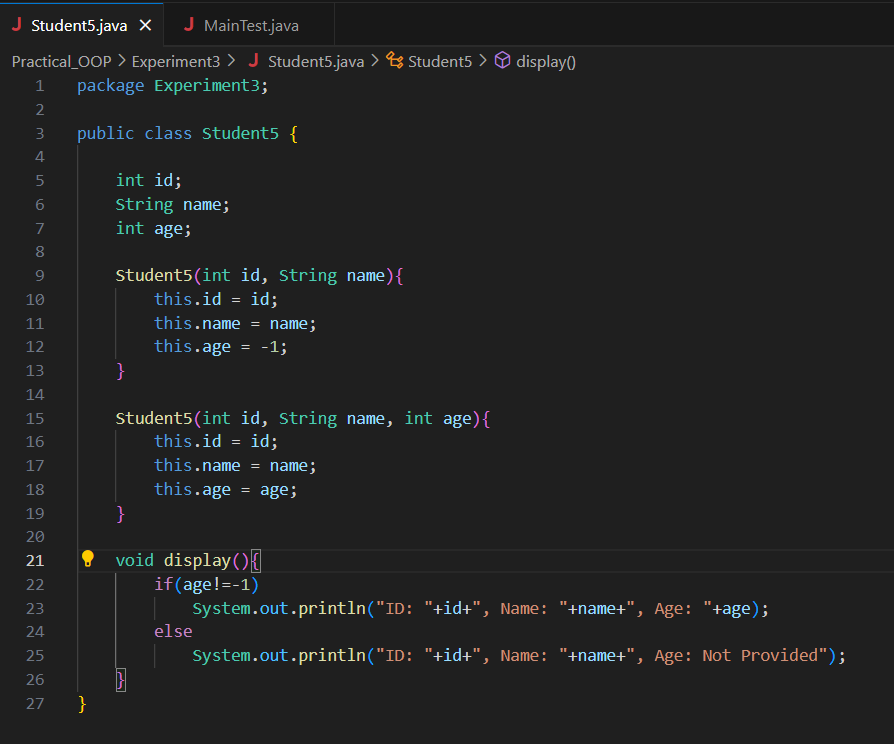
        student1.display();

        Student5 student2 = new Student5(220, "Mahjabin",20);

        student2.display();

    }

}



A screen shot of a computer program

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