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Practical 04

01).

Employee class

package com.mycompany.Test;

public class Employee

{

//declare variables

private int empID;

private String empName,empDestination;

//setter method for employeeID

public void setEmpID(int empID)

{

this.empID=empID;

}

//getter method for employeeID

public int getEmpID()

{

return empID;

}

//setter method for employe Name

public void setEmpName(String empName)

{

this.empName=empName;

}

//getter method for employee Name

public String getEmpName()

{

return empName;

}

//setter method for employee Destination

public void setEmpDestination(String empDestination)

{

this.empDestination=empDestination;

}

//getter method for employee Destination

public String getEmpDestination()

{

return empDestination;

}

}

Main class

package com.mycompany.Test;

public class Test

{

public static void main(String[] args)

{

//for Bogdan

Employee Bogdan =new Employee();

Bogdan.setEmpID(1234);

Bogdan.setEmpName("Mr.Bogdan");

Bogdan.setEmpDestination("Software Engineer");

System.out.println("Bogdan's ID: "+Bogdan.getEmpID());

System.out.println("Bogdan's Name: "+Bogdan.getEmpName());

System.out.println("Bogdan's Destination: "+Bogdan.getEmpDestination());

System.out.println("\n");

//for Bird

Employee Bird =new Employee();

Bird.setEmpID(5678);

Bird.setEmpName("Mr.Bird");

Bird.setEmpDestination("Network Engineer");

System.out.println("Bird's ID: "+Bird.getEmpID());

System.out.println("Bird's Name: "+Bird.getEmpName());

System.out.println("Bird's Destination: "+Bird.getEmpDestination());

}

}

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03).

Lecturer class

package com.mycompany.test3;

public class Lecturer

{

//declare variables

protected int lecID;

protected String lecName,program;

//setter method for lecture ID

public void setLecID(int lecID)

{

this.lecID=lecID;

}

//getter method for lecture ID

public int getLecID()

{

return lecID;

}

//setter method for lectureName

public void setLecName(String lecName)

{

this.lecName=lecName;

}

//getter method for lectureName

public String getLecName()

{

return lecName;

}

//setter method for Progaram

public void setProgram(String program)

{

this.program=program;

}

//getter method for Program

public String getProgram()

{

return program;

}

}

Student class

package com.mycompany.test3;

public class Student extends Lecturer

{

//declare variables

private int StudentID;

private String StudentName,course;

//setter method for Student ID

public void setStudentID(int StudentID)

{

this.StudentID=StudentID;

}

//getter method for Student ID

public int getStudentID()

{

return StudentID;

}

//setter method for StudentName

public void setStudentName(String StudentName)

{

this.StudentName=StudentName;

}

//getter method for StudentName

public String getStudentName()

{

return StudentName;

}

//setter method for course

public void setCourse(String course)

{

this.course=course;

}

//getter method for course

public String getCourse()

{

return course;

}

public void display()

{

System.out.println("LecturerID: "+lecID);

System.out.println("Lecturer Name: "+lecName);

System.out.println("program: "+program);

System.out.println("StudentID: "+StudentID);

System.out.println("Student Name: "+StudentName);

System.out.println("course: "+course);

}

}

Main class

package com.mycompany.test3;

public class Test3

{

public static void main(String[] args)

{

Student s1=new Student();

s1.setStudentID(1234);

s1.setStudentName("Dhanuthi");

s1.setCourse("computer networks");

s1.setLecID(7896);

s1.setLecName("Sudila");

s1.setProgram("Computer Networks");

s1.display();

}

}

04).

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