public class Person {

private String name;

private int id;

public Person(String name, int id) {

this.name = name;

this.id = id;

}

public String getName() {

System.out.primtln("Name is:"+name);

}

public void setName(String name) {

this.name = name;

}

public int getID() {

System.out.println("ID is"+id);

}

public void setID(int id) {

this.id = id;

}

}

public class Student extends Person {

private String course;

public Student(String name, int id, String course) {

super(name, id);

this.course = course;

}

public String getCourse() {

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

}

public void setCourse(String course) {

this.course = course;

}

}

public class Lecturer extends Person {

private String programme;

public Lecturer(String name, int id, String programme) {

super(name, id);

this.programme = programme;

}

public String getProgramme() {

System.out.println("Programe is:"+ programme);

}

public void setProgramme(String programme) {

this.programme = programme; }}

public class TestPerson {

public static void main(String[] args) {

Student student = new Student("John Doe", 12345, "Computer Science");

student.getName();

student.getID();

student.getCourse();

Lecturer lecturer = new Lecturer("Jane Smith", 98765, "Data Science");

lecturer.getName();

lecturer.getID();

lecturer.getProgramme();

}

}