**Lab #5**

**Name: Deepak**

**CMS: 023-21-0128**

**Section “E”**

Exercise 3:

class Person

{

private String Fname, Lname;

Person(String Fname, String Lname)

{

this.Fname = Fname;

this.Lname = Lname;

}

void setValue(String Fname, String Lname)

{

this.Fname = Fname;

this.Lname = Lname;

}

String Fname()

{

return Fname;

}

String Lname()

{

return Lname;

}

void Display()

{

System.out.println("First Name: "+Fname);

System.out.println("Last Name: "+Lname);

}

}

class Student extends Person

{

String id, course, teacherName;

Student(String Fname, String Lname, String id, String course, String teacherName)

{

super(Fname, Lname);

this.id = id;

this.course = course;

this.teacherName = teacherName;

}

void Display()

{

super.Display();

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

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

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

}

}

class Teacher extends Person

{

String subName, salary;

Teacher(String Fname, String Lname, String subName, String salary)

{

super(Fname, Lname);

this.subName = subName;

this.salary = salary;

}

void Display()

{

super.Display();

System.out.println("Subject Name: "+subName);

System.out.println("Salary: "+salary);

}

}

class Q3

{

public static void main(String args[])

{

Student s1 = new Student("Deepak", "Totani", "023-21-0128", "BSCS", "Sehar Gul");

Student s2 = new Student("Ali", "Khan", "013-19-5128", "BSSE", "Faheem Akhtar");

Teacher t1 = new Teacher("Deepak", "Totani","OOP", "140000");

Teacher t2 = new Teacher("Ali", "Khan","C++", "120000");

s1.Display();

s2.Display();

t1.Display();

t2.Display();

}

}

Output:

