PROGRAM 3

```java
import java.util.*;

class Person{
    String Name,Gender,Address;
    int Age;
    Person(String Name,String Gender,
String Address,int Age){
        this.Name = Name;
        this.Gender = Gender;
        this.Address = Address;
        this.Age = Age;
    }
}

class Employee extends Person{
    String
Empid,CompanyName,Qualification;
    Double Salary;
    Employee(String Empid,String
```

```java
CompanyName, String Qualification,Double salary,String Name,String Gender, String Address,int Age){
        super(Name,Gender,Address,Age);
        this.Empid = Empid;
        this.CompanyName=CompanyName;
        this.Qualification=Qualification;
    }
}

class Teacher extends Employee{

    String Subject,Department,TeacherId;

    Teacher(String Subject, String Department, String TeacherId,String Empid,String CompanyName, String Qualification,Double salary,String Name,String Gender, String Address,int Age){
```

```java
super(Empid,CompanyName,Qualification,salary,Name,Gender,Address,Age);
    this.Subject=Subject;
    this.Department=Department;
    this.TeacherId=TeacherId;
  }

  void display(){
    System.out.println("\t\t\tName of Employee : "+ Name);
    System.out.println("\t\t\tGender : "+ Gender);
    System.out.println("\t\t\tAddress : "+ Address);
    System.out.println("\t\t\tAge : "+ Age);
    System.out.println("\t\t\tEmployee id : "+ Empid);
    System.out.println("\t\t\tCompany Name : "+ CompanyName);
```

```java
System.out.println("\t\t\tQualification : "+ Qualification);
		System.out.println("\t\t\tEmployee Salary : "+ Salary);
		System.out.println("\t\t\tTeacher Id : "+ TeacherId);
		System.out.println("\t\t\tDepartment : "+ Department);
		System.out.println("\t\t\tSubject Tought : "+ Subject);

System.out.println("\t\t_____\n");
	}
}

public class MultiInheritance {
	static Teacher[] insertDetails(Scanner read){
		int limit,age;
		String Eid,name,
```

```java
Add,Dept,sub,cname,gender,ql,Tid;
    Double salary;
    System.out.print("Enter the no of
Teachers :");
    limit=read.nextInt();
    read.nextLine();
    Teacher[] t = new Teacher[limit];
    for(int i=0; i<limit; i++){

System.out.print("\n\n_____
_____\n\nEnter the Details of Teacher
"+
(i+1)+"\n_____\n\
n");
        System.out.print("Enter the Name :
");
        name = read.nextLine();
        System.out.print("\nEnter the
Gender : ");
        gender = read.nextLine();
        System.out.print("\nEnter the
```

```java
Address : ");
        Add = read.nextLine();
        System.out.print("\nEnter the Age : ");
        age = read.nextInt();
        read.nextLine();
        System.out.print("\nEnter the Employee Id : ");
        Eid = read.nextLine();
        System.out.print("\nEnter the Company Name : ");
        cname = read.nextLine();
        System.out.print("\nEnter the Qualification : ");
        ql = read.nextLine();
        System.out.print("\nEnter the Salary : ");
        salary = read.nextDouble();
        read.nextLine();
        System.out.print("\nEnter the Department : ");
```

```java
        Dept = read.nextLine();
        System.out.print("\nEnter the
Subject tought by the teacher : ");
        sub = read.nextLine();
        System.out.print("\nEnter the
Teacher Id : ");
        Tid = read.nextLine();
        t[i] = new
Teacher(sub,Dept,Tid,Eid,cname,ql,salary,n
ame,gender,Add,age);
      }
      return t;
   }
   static void displayDetails(Teacher[] t){
      for(int i=0;i<t.length;i++){
        System.out.println("\n\t\t\tDetails
of a Teacher "+(i+1));

System.out.println("\t\t_____
_____\n");
        t[i].display();
```

```java
        }
    }
    public static void main(String args[]){
        Scanner read = new
Scanner(System.in);
        Teacher[] t=insertDetails(read);
        displayDetails(t);
    }
}
```