PROGRAM

```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 Taught : "+ Subject);
	}
}

public class MultiInheritance {
	static Teacher[] insertDetails(Scanner read){
		int limit,age;
		String Eid,name, Add,Dept,sub,cname,gender,ql,Tid;
		Double salary;
		System.out.print("Enter the no of
```

```java
Teachers :");
        limit=read.nextInt();
        read.nextLine();
        Teacher[] t = new Teacher[limit];
        for(int i=0; i<limit; i++){
            System.out.print("\nEnter the
Details of Teacher "+(i+1)+");
            System.out.print("Enter the Name :
");
            name = read.nextLine();
            System.out.print("\nEnter the
Gender : ");
            gender = read.nextLine();
            System.out.print("\nEnter the
Address : ");
            Add = read.nextLine();
            System.out.print("\nEnter the Age :
");
            age = read.nextInt();
            read.nextLine();
            System.out.print("\nEnter the
```

```java
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 : ");
        Dept = read.nextLine();
        System.out.print("\nEnter the
Subject taught by the teacher : ");
        sub = read.nextLine();
        System.out.print("\nEnter the
Teacher Id : ");
        Tid = read.nextLine();
```

```java
        t[i] = new
Teacher(sub,Dept,Tid,Eid,cname,ql,salary,name,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));
            t[i].display();
        }
    }
    public static void main(String args[]){
        Scanner read = new Scanner(System.in);
        Teacher[] t=insertDetails(read);
        displayDetails(t);
    }
}
```

OUTPUT

Enter the no of Teachers : 2

Enter the Details of Teacher 1
Enter the Name : Anu
Enter the Gender : Female
Enter the Address : Kochi
Enter the Age : 24
Enter the Employee Id : E101
Enter the Company Name : Microsoft
Enter the Qualification : MCA
Enter the Salary : 30000
Enter the Department : IT
Enter the Subject taught by the teacher : IT
Enter the Teacher Id : T001

Enter the Details of Teacher 2
Enter the Name : Krish
Enter the Gender : Male
Enter the Address : Bangalore

Enter the Age : 26
Enter the Employee Id : E112
Enter the Company Name : Oracle
Enter the Qualification : Btech
Enter the Salary : 30000
Enter the Department : CS
Enter the Subject taught by the teacher : CS
Enter the Teacher Id : T221

Details of a Teacher 1

Name of Employee : Anu
Gender : Female
Address : Kochi
Age : 24
Employee id : E101
Company Name : Microsoft
Qualification : MCA
Employee Salary : 30000
Teacher Id : T001
Department : IT

Subject Taught : IT

Details of a Teacher 2

Name of Employee : Krish
Gender : Male
Address : Bangalore
Age : 26
Employee id : E112
Company Name : Oracle
Qualification : Btech
Employee Salary : 30000
Teacher Id : T221
Department : CS
Subject Taught : CS