

PROGRAM 3

```
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
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)
    {
super(Empid,CompanyName,Qualification,sa
lary,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);
        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 MultilInheritance
{
    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
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 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 : ");  
  
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();  
  
t[i] = new  
Teacher(sub,Dept,Tid,Eid,cname,ql,salary,na  
me,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\t_____
```



```
_____ \n");
```

```
t[i].display();  
}  
}
```

```
public static void main(String args[])  
{
```

```
Scanner read = new Scanner(System.in);
```

```
Teacher[] t=insertDetails(read);
```

```
displayDetails(t);  
}  
}
```