

## PROGRAM 2

```
import java.util.Scanner;
class Employee
{
    int empld;
    String name;
    double salary;
    String address;

    Employee()
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the empld:");
        empld=sc.nextInt();
        System.out.println("Enter the name:");
        name=sc.next();
        System.out.println("Enter the salary:");
        salary=sc.nextInt();
        System.out.println("Enter the
address:");
```

```
        address=sc.next();
    }

}

class Teacher extends Employee{
    String department;
    String subject;

    Teacher()
    {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the
department:");
        department=sc.next();
        System.out.println("Enter the subject
taught:");
        subject=sc.next();
        System.out.println();
    }

    void display()
    {
```

```
System.out.println("empld:"+empld);  
System.out.println("name:"+name);  
System.out.println("salary:"+salary);
```

```
System.out.println("address:"+address);
```

```
System.out.println("department:"+departm  
ent);
```

```
System.out.println("subject:"+subject);  
    System.out.println();  
}
```

```
}
```

```
class Inheritance
```

```
{
```

```
    public static void main(String ar[])
```

```
{
```

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

```
    System.out.println("Enter no. of  
teachers:");
```

```
int n=sc.nextInt();
Teacher[] teacher=new Teacher[n];
for(int i=0;i<n;i++)
teacher[i]=new Teacher();
System.out.println("Details of
teachers");
for(int i=0;i<n;i++){
    System.out.println();
    teacher[i].display();
}

}

}
```