

PROGRAM

```
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();  
}
```

```
}
```

```
}
```

OUTPUT

Enter no of teachers : 2

Enter the empld : 111

Enter the name : Sona

Enter the salary : 20000

Enter the address : Calicut

Enter the department : MCA

Enter the subject taught : Python

Enter the empld : 112

Enter the name : Arun

Enter the salary : 30000

Enter the address : Kochi

Enter the department : MCA

Enter the subject taught : C++

Details of teachers

empld : 111

name : Sona

salary : 20000

address : Calicut

department : MCA

subject taught : Python

empld : 112

name : Arun

salary : 30000

address : Kochi

department : MCA

subject taught : C++