

Co3-2

```
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:"+departmen
t);

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();
        }
    }
}

```