

CODE:

```
Employee.java | Department.java | main_function.java
38 {
39     return(name);
40 }
41
42 //Function that sets the name of the employee
43 public void setName()
44 {
45     System.out.println("Enter the name :");
46     Scanner input= new Scanner(System.in);
47     name=input.next();
48     input.close();
49 }
50
51 //Function that returns the dep of the employee
52 public String getDep()
53 {
54     return(dep.get_dep());
55 }
56
57
58 //Function that sets the dep of the employee
59 public void setDep()
60 {
61     System.out.println("Enter the department :");
62     Scanner input= new Scanner(System.in);
63     dep.set_dep(input.next());
64     input.close();
65 }
66
67
68 //Function to print all the class members
69 void show()
70 {
71     System.out.println("ID           :"+id);
72     System.out.println("NAME          :"+name);
73     System.out.println("DEPARTMENT   :"+dep.department);
74 }
75
76
77
```

```
Employee.java | Department.java | main_function.java
1 package viva_test;
2 import java.util.Scanner;
3
4 public class Employee extends Department
5 {
6     //Class variables
7     Integer id;
8     String name;
9     Department dep;
10
11     //CONSTRUCTOR
12 public Employee()
13 {
14
15     id = 0;
16     name = "Unassigned";
17     dep = new Department();
18 }
19
20 //Function that returns the id of the employee
21 public Integer getid()
22 {
23     return id;
24 }
25
26 //Function that sets the id of the employee
27 public void setid()
28 {
29     System.out.println("Enter the id :");
30     Scanner input= new Scanner(System.in);
31     id=input.nextInt();
32     input.close();
33 }
34
35
36 //Function that returns the name of the employee
37 public String getName()
38 {
39     return(name);
40 }
```

J *Employee.java J Department.java ✖ J main_function.java

```
1 package viva_test;
2
3 public class Department
4 {
5
6     String department = "Unassigned";
7     public void set_dep(String input)
8     {
9         department=input;
10    }
11
12    public String get_dep()
13    {
14        return(department);
15    }
16 }
17
```

J Employee.java J Department.java J main_function.java ✖

```
1 package viva_test;
2
3 public class main_function extends Employee
4 {
5     public static void main(String[] args)
6     {
7         Employee obj = new Employee();
8         obj.setName();
9         obj.setid();
10        obj.setDep();
11    }
12 }
13
```

OUTPUT:

<terminated> Test [Java Application] C:\Users\ASUS\p2\pool\plugins\org.eclipse.jus

Enter the name :

aayush

Enter the id :

1

Enter the department :

cs

ID :1

NAME :aayush

DEPARTMENT :cs