

```
18 em.out.print("\n\tEnter Employee Name : ");
19     = sc.nextLine();
20
21 em.out.print("\n\tEnter Employee Age : ");
22 = Integer.parseInt(sc.nextLine());
23
24 em.out.print("\n\tEnter Employee Salary : ");
25 ry = Integer.parseInt(sc.nextLine());
26
27
28
29 Data()           // Defining PutData()
30
31 em.out.print("\n\t" + Id + "\t" +Name + "\t" +Ag
32
33
34 static void main(String args[])
35
36
37 em.out.println("Author:M.Sai teja\nSAP ID:519834
38 [] M = new Main[10];
39 i;
40
41 i=0;i<10;i++)
42 M[i] = new Main(); // Allocating memory to ea
43
44 i=0;i<10;i++)
45
46 System.out.print("\nEnter details of "+ (i+1) +"
47 M[i].GetData();
48
49
50 em.out.print("\nDetails of Employees\n");
51 i=0;i<3;i++)
52 M[i].PutData();
53
```

X Terminal



Author:M.Sai teja
SAP ID:519834746

Enter details of 1 Employee

Enter Employee Id :

X Terminal



Enter Employee Age : 26

Enter Employee Salary : 35000

Enter details of 9 Employee

Enter Employee Id : 10

Enter Employee Name : sam

Enter Employee Age : 25

Enter Employee Salary : 28500

Enter details of 10 Employee

Enter Employee Id : 11

Enter Employee Name : jessy

Enter Employee Age : 24

Enter Employee Salary : 26000

Details of Employees

1Sai 25 23000

2Pavan 25 27000

3Mahesh 24 26000

Process finished.

```
12
13 class BankB extends Bank
14
15 int deposit=150;
16 int getBalance()
17 {
18     return deposit;
19 }
20
21 class BankC extends Bank
22
23 int deposit=200;
24 int getBalance()
25 {
26     return deposit;
27 }
28
29 class Main
30
31 public static void main(String args[])
32 {
33     System.out.println("Author:M.Sai teja\nSAP ID:5
34 //object for Bank A
35 BankA i=new BankA();
36 System.out.println("Balance in Bank A: "+i.getB
37
38 //object for Bank B
39 BankB j=new BankB();
40 System.out.println("Balance in Bank B: "+j.getB
41
42 //object for Bank C
43 BankC k=new BankC();
44 System.out.println("Balance in Bank C: "+k.getB
45 }
```

X Terminal



```
Author:M.Sai teja
SAP ID:51834746
Balance in Bank A: 100
Balance in Bank B: 150
Balance in Bank C: 200
```

Process finished.

```
1 class Main
2
3 public static long factorial(int i)
4
5     return (i < 1) ? 1 : i * factorial(i - 1);
6
7
8 public static void main(String[] args)
9
10 System.out.println("Author:M Sai teja\nSAP ID:51834746")
11 int i = 5;
12 System.out.println("The Factorial of " + i + " is ")
13
14
```

X Terminal



```
Author:M Sai teja
SAP ID:51834746
The Factorial of 5 is 120
```

```
Process finished.
```