```java
abstract class Bank
{
 abstract int getBalance();
}
class BankA extends Bank
{
 int deposit=100;
 int getBalance()
 {
  return deposit;
 }
}
class BankB extends Bank
{
 int deposit=150;
 int getBalance()
 {
  return deposit;
 }
}
class BankC extends Bank
{
 int deposit=200;
 int getBalance()
 {
  return deposit;
 }
}
class Main
{
 public static void main(String args[])
 {
  System.out.println("Author: Pravallika \nSAP ID:5183
  //object for Bank A
  BankA i=new BankA();
  System.out.println("Balance in Bank A: "+i.getBaland

  //object for Bank B
  BankB j=new BankB();
  System.out.println("Balance in Bank B: "+j.getBaland

  //object for Bank C
  BankC k=new BankC();
  System.out.println("Balance in Bank C: "+k.getBaland

 }
}
```

```
Author: Pravallika
SAP ID:51834742
Balance in Bank A: 100
Balance in Bank B: 150
Balance in Bank C: 200

Process finished.
```

```java
 1  a.util.Scanner;
 2
 3   class Main
 4
 5  t Id;
 6  ring Name;
 7  t Age;
 8  ng Salary;
 9
10  id GetData()              // Defining GetData()
11
12
13     Scanner sc = new Scanner(System.in);
14
15     System.out.print("\n\tEnter Employee Id : ");
16     Id = Integer.parseInt(sc.nextLine());
17
18     System.out.print("\n\tEnter Employee Name : ");
19     Name = sc.nextLine();
20
21     System.out.print("\n\tEnter Employee Age : ");
22     Age = Integer.parseInt(sc.nextLine());
23
24     System.out.print("\n\tEnter Employee Salary : ");
25     Salary = Integer.parseInt(sc.nextLine());
26
27
28
29  id PutData()              // Defining PutData()
30
31     System.out.print("\n\t" + Id + "\t" +Name + "\t" +A
32
33
34  blic static void main(String args[])
35
36
37     System.out.println("Author: Pravallikaa\nSAP ID:518
38     Main[] M = new Main[10];
39     int i;
40
41     for(i=0;i<10;i++)
42         M[i] =  new Main();    // Allocating memory to e
43
44     for(i=0;i<10;i++)
45     {
46         System.out.print("\nEnter details of "+ (i+1) +
47         M[i].GetData();
48     }
49
50     System.out.print("\nDetails of Employees\n");
51     for(i=0;i<3;i++)
52         M[i].PutData();
53
54
55
```

```
Author: Pravallikaa
SAP ID:51834742

Enter details of 1 Employee

 Enter Employee Id :
```

```java
public class Main
{
    public static long factorial(int i)
    {
        return (i < 1) ? 1 : i * factorial(i - 1);
    }

    public static void main(String[] args)
    {
        System.out.println("Author: Pravallika\nSAP
        int i = 5;
        System.out.println("The Factorial of " + i +
    }
}
```

```
Author: Pravallika
SAP ID:51834742
The Factorial of 5 is 120

Process finished.
```