



sunnu.java



```
1 public 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.Sunayana\nSAP ID:51834790")
11        int i = 5;
12        System.out.println("The Factorial of " + i + " is " + f
13    }
14
```



Terminal



```
Author:M.Sunayana
SAP ID:51834790
The Factorial of 5 is 120

Process finished.
```

```
3 abstract int getBalance();  
4 }  
5 class BankA extends Bank  
6 {  
7     int deposit=100;  
8     int getBalance()  
9     {  
10         return deposit;  
11     }  
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.Sunayana\nSAP ID:51834790");  
34         //object for Bank A  
35         BankA i=new BankA();  
36         System.out.println("Balance in Bank A: "+i.getBalance());  
37  
38         //object for Bank B  
39         BankB j=new BankB();  
40         System.out.println("Balance in Bank B: "+j.getBalance());  
41  
42         //object for Bank C  
43         BankC k=new BankC();  
44         System.out.println("Balance in Bank C: "+k.getBalance());
```

x Terminal

```
Author:M.Sunayana  
SAP ID:51834790  
Balance in Bank A: 100  
Balance in Bank B: 150  
Balance in Bank C: 200
```

```
Process finished.
```



```
2
3  ic class Main
4
5  int Id;
6  String Name;
7  int Age;
8  long Salary;
9
10 void 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 void PutData()           // Defining PutData()
30 {
31     System.out.print("\n\t" + Id + "\t" + Name + "\t" + Age +
32 }
33
34 public static void main(String args[])
35 {
```

✗ Terminal



Author:M.Sunayana

SAP ID:519834790

Enter details of 1 Employee

Enter Employee Id : 6

Enter Employee Name : sunayana

Enter Employee Age : 18

Enter Employee Salary : 20000

Enter details of 2 Employee