



jyothik.java



Saved

```
1 import java.util.Scanner;
2
3 public class Main
4 {
5     int Id;
6     String Name;
7     int Age;
8     long Salary;
9
10    void GetData()           // Defining Get
11    {
12
13        Scanner sc = new Scanner(System.in);
14
15        System.out.print("\n\tEnter Employee
16        Id = Integer.parseInt(sc.nextLine())
17
18        System.out.print("\n\tEnter Employee
19        Name = sc.nextLine();
20
21        System.out.print("\n\tEnter Employee
22        Age = Integer.parseInt(sc.nextLine())
23
24        System.out.print("\n\tEnter Employee
25        Salary = Integer.parseInt(sc.nextLin
26
27    }
28
29    void PutData()           // Defining Put
30    {
31        System.out.print("\n\t" + Id + "\t"
32    }
33
34    public static void main(String args[])
35    {
36
37        System.out.println("Author:A.jyothik
```



Terminal



```
Author:A.jyothik
SAP ID:51834611
```

```
Enter details of 1 Employee
```

```
Enter Employee Id : 2
```



Jyothik 1.java



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```
1  abstract class Bank
2  {
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:A.jyothik \nSAP ID:
34         //object for Bank A
35         BankA i=new BankA();
36         System.out.println("Balance in Bank A: "+i.get
37
```



Terminal



```
Author:A.jyothik
SAP ID:51834611
Balance in Bank A: 100
Balance in Bank B: 150
Balance in Bank C: 200
```

Process finished



Jyothik 2.java



Saved

```
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:A.jyothik \nSAP ID:51834611");
11        int i = 5;
12        System.out.println("The Factorial of " + i);
13    }
14 }
```



Terminal



```
Author:A.jyothik
SAP ID:51834611
The Factorial of 5 is 120

Process finished.
```