



java\_\_\_1.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:K. Sudarshan Reddy \nSAP ID:51834730");
11        int i = 5;
12        System.out.println("The Factorial of " + i + " is " + factorial(i));
13    }
14 }
```

Make public



X Terminal



Author:K. Sudarshan Reddy  
SAP ID:51834730  
The Factorial of 5 is 120

Process finished.

```
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:K. Sudarshan Reddy \nSAP ID:51834730");
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());
45 }
```

Try Dcoder's keyboard



```
1
2
3
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:K. Sudarshan Reddy \nSAP ID:S1834730");
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());
45
46     }
47 }
```

⋮ Try Decoder's keyboard



X

Terminal



**Author:**K. Sudarshan Reddy

**SAP ID:**51834730

**Balance in Bank A:** 100

**Balance in Bank B:** 150

**Balance in Bank C:** 200

**Process finished.**



java\_\_\_5.java

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```
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 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        File info (i) out.print("\n\tEnter Employee Name : ");
19        sc.nextLine();
20 }
```





java\_\_\_5.java



Saved



```
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 + "\t" + Salary);  
32 }  
33  
34 File info (i) c void main(String args[])
```





java\_\_\_5.java



Saved



```
32    }
33
34    public static void main(String args[])
35    {
36
37        System.out.println("Author:K. Sudarshan Reddy \nSAP ID:51834730");
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 each object
43
44        for(i=0;i<10;i++)
45        {
46            System.out.print("\nEnter details of "+(i+1)+" Employee\n");
47            M[i].GetData();
48
49        }
50
51        System.out.print("\nDetails of Employees\n");
52    }
```

File info

(i)



## java\_\_\_5.java

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```
45
46     System.out.print("\nEnter details of "+(i+1)+" Employee\n");
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 }
```

⋮ File info 

