



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



× Terminal



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



java__3.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: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     }
46 }
```



Try Dcoder's keyboard





java___3.java



Saved

```
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: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     }
46 }
47 }
```



Try Dcoder's keyboard





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        System.out.print("\n\tEnter Employee Name : ");
19        sc.nextLine();
20    }
21 }
```



File info





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 void main(String args[])
```



File info





java__5.java

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```
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 }
```

File info

```
out.print("\nDetails of Employees\n");
```





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

