

1stAnswer25\_07\_20.java 

Saved

```
1
2 //1st answer
3 import java.util.*;
4
5 // Compiler version JDK 11.0.2
6
7 class Factorial
8 {
9
10    // method to find factorial of given number
11
12    static int factorial(int n)
13    {
14
15        if (n == 0)
16
17            return 1;
18
19
20
21
22        return n*factorial(n-1);
23    }
24
25
26
27
28
29    public static void main(String[] args)
30    {
31        Scanner sc=new Scanner(System.in);
32        System.out.println("author:P.Hemanth\nsap");
33        System.out.println("enter the number:");
34        int num = sc.nextInt();
35
36        if(num>=0)
37            System.out.println("Factorial of "+
38                               num + " is " + factorial(num));
39
40        else
41
42            System.out.println("enter the number at");
43            System.exit(0);
44
45    }
46
47 }
```



## x Terminal



```
author:P.Hemanth
sap.id:51834553
enter the number:
4
Factorial of 4 is 24

Process finished.
```

## 3rdAnswer25\_07\_20.java

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```
1 //3rd answer
2
3 import java.util.*;
4
5 // Compiler version JDK 11.0.2
6
7
8
9 abstract class Bank
10 {
11     abstract int getBalance();
12 }
13 class BankA extends Bank
14 {
15     int deposit=100;
16     int getBalance()
17     {
18         return deposit;
19     }
20 }
21 class BankB extends Bank
22 {
23     int deposit=150;
24     int getBalance()
25     {
26         return deposit;
27     }
28 }
29 class BankC extends Bank
30 {
31     int deposit=200;
32     int getBalance()
33     {
34         return deposit;
35     }
36 }
37 class Main
38 {
39     public static void main(String args[])
40     {
41         System.out.println("Author:P.Hemanth\nSAP ID:5183");
42         //object for Bank A
43         BankA i=new BankA();
44         System.out.println("Balance in Bank A: "+i.getBa];
45
46         //object for Bank B
47         BankB j=new BankB();
48         System.out.println("Balance in Bank B: "+j.getBa];
49
50         //object for Bank C
51         BankC k=new BankC();
52         System.out.println("Balance in Bank C: "+k.getBa];
```

Try Dcoder's keyboard lance in Bank C: "+k.getBa]



## x Terminal



Author:P.Hemanth  
SAP ID:51834553  
Balance in Bank A: 100  
Balance in Bank B: 150  
Balance in Bank C: 200

Process finished.



## 5thAnswer25\_07\_20.java

Saved

```
1 //5th answer
2
3 import java.util.*;
4
5 // Compiler version JDK 11.0.2
6
7 public class Main
8 {
9     int Id;
10    String Name;
11    int Age;
12    long Salary;
13
14    void GetData()           // Defining GetData()
15    {
16
17        Scanner sc = new Scanner(System.in);
18
19        System.out.print("\n\tEnter Employee Id");
20        Id = Integer.parseInt(sc.nextLine());
21
22        System.out.print("\n\tEnter Employee Name");
23        Name = sc.nextLine();
24
25        System.out.print("\n\tEnter Employee Age");
26        Age = Integer.parseInt(sc.nextLine());
27
28        System.out.print("\n\tEnter Employee Salary");
29        Salary = Integer.parseInt(sc.nextLine());
30
31    }
32
33    void PutData()           // Defining PutData()
34    {
35        System.out.print("\n\t" + Id + "\t" + Name + "\t" + Age + "\t" + Salary);
36    }
37
38    public static void main(String args[])
39    {
40
41        System.out.println("Author:P.Hemanth\n");
42        Main[] M = new Main[10];
43        int i;
44
45        for(i=0;i<10;i++)
46            M[i] = new Main(); // Allocating memory
47
48        for(i=0;i<10;i++)
49        {
50            System.out.print("\nEnter details of Employee " + i + " Data());
51        }
52    }
53}
```

Try Dcoder's keyboard



5thAnswer25\_07\_20.java 

Saved



```
15
16
17     Scanner sc = new Scanner(System.in);
18
19     System.out.print("\n\tEnter Employee Id : ");
20     Id = Integer.parseInt(sc.nextLine());
21
22     System.out.print("\n\tEnter Employee Name");
23     Name = sc.nextLine();
24
25     System.out.print("\n\tEnter Employee Age");
26     Age = Integer.parseInt(sc.nextLine());
27
28     System.out.print("\n\tEnter Employee Salary");
29     Salary = Integer.parseInt(sc.nextLine());
30
31 }
32
33 void PutData()           // Defining PutData()
34 {
35     System.out.print("\n\t" + Id + "\t" + Name
36 }
37
38 public static void main(String args[])
39 {
40
41     System.out.println("Author:P.Hemanth\nSAF");
42     Main[] M = new Main[10];
43     int i;
44
45     for(i=0;i<10;i++)
46         M[i] = new Main();    // Allocating memory
47
48     for(i=0;i<10;i++)
49     {
50         System.out.print("\nEnter details of ");
51         M[i].GetData();
52     }
53
54     System.out.print("\nDetails of Employees");
55     for(i=0;i<3;i++)
56         M[i].PutData();
57
58 }
59 }
```



x Terminal



Author:P.Hemanth  
SAP ID:519834553

Enter details of 1 Employee

Enter Employee Id : 1

Enter Employee Name : hemu

Enter Employee Age : 18

Enter Employee Salary : 100000

Enter details of 2 Employee

Enter Employee Id : 2

Enter Employee Name : hema

Enter Employee Age : 19

Enter Employee Salary : 3990000

Enter details of 3 Employee

Enter Employee Id : 3

Enter Employee Name : hemanth

Enter Employee Age : 18

Enter Employee Salary : 200000000

Enter details of 4 Employee

Enter Employee Id : 4

Enter Employee Name : meghana

Enter Employee Age : 19

Enter Employee Salary : 2000030

Enter details of 5 Employee

x Terminal



```
Enter Employee Id : 7
Enter Employee Name : jei
Enter Employee Age : 20
Enter Employee Salary : 3028
Enter details of 8 Employee
Enter Employee Id : 8
Enter Employee Name : hei
Enter Employee Age : 40
Enter Employee Salary : 123000
Enter details of 9 Employee
Enter Employee Id : 9
Enter Employee Name : ke
Enter Employee Age : 30
Enter Employee Salary : 202900
Enter details of 10 Employee
Enter Employee Id : 10
Enter Employee Name : koe
Enter Employee Age : 29
Enter Employee Salary : 244000
Details of Employees
1 hemu 18 100000
2 hema 19 3990000
3 hemanth 18 200000000
Process finished.
```