

 pavan.java 
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```
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:v.pavankumar\nSAP ID:51834509");
11        int i = 5;
12        System.out.println("The Factorial of " + i + " is " + factorial(i));
13    }
14 }
```

 File info 



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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 File info (i) sit;
```



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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 File info                                             <

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```
32 {  
33     System.out.println("Author:v.pavankumar\nSAP ID:51834509");  
34     //object for Bank A  
35     BankA i=new BankA();  
36     System.out.println("Balance in Bank A: "+i.getBalance());  
37     //object for Bank B  
38     BankB j=new BankB();  
39     System.out.println("Balance in Bank B: "+j.getBalance());  
40     //object for Bank C  
41     BankC k=new BankC();  
42     System.out.println("Balance in Bank C: "+k.getBalance());  
43 }  
44 }  
45 }  
46 }  
47 }
```

⋮ File info ⓘ



Author:v.pavankumar
SAP ID:51834509
Balance in Bank A: 100
Balance in Bank B: 150
Balance in Bank C: 200

Process finished.

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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        Name = sc.nextLine();
20
21    }
22
23    void Display()
24    {
25        System.out.println("Employee Id : " + Id);
26        System.out.println("Employee Name : " + Name);
27        System.out.println("Employee Age : " + Age);
28        System.out.println("Employee Salary : " + Salary);
29    }
30
31    public static void main(String[] args)
32    {
33        Main obj = new Main();
34        obj.GetData();
35        obj.Display();
36    }
37}
```

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pavan.java

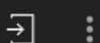
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```
17
18     System.out.print("\n\tEnter Employee Name : ");
19     Name = sc.nextLine();
20
21     System.out.print("\n\tEnter Employee Age : ");
22     Age = Integer.parseInt(sc.nextLine());
23
24     System.out.print("\n\tEnter Employee Salary : ");
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 }
```

public static void main(String args[])

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⋮

```
32 }
33
34 public static void main(String args[])
35 {
36
37     System.out.println("Author:v.pavankumar\nSAP ID:51834509");
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     System.out.print("\nDetails of Employees\n");
51     for(i=0;i<10;i++)
```

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```
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 }
```

 Share 

