




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

⋮ File info ⓘ





pavan.java 
Saved



```
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 }
```

⋮ File info ⓘ it;



pavan.java

Saved

```
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:v.pavankumar\nSAP ID:51834509");  
34         Bank A  
35         BankA()  
36     }  
37 }
```

File info



pavan.java

Saved



```
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  
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 }
```

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.
```



pavan.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 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 }
```

Share



←

pavan.java

Saved

16 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 public static void main(String args[])

Share

Scanned with CamScanner



pavan.java

Saved



```
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++)
```

Share





pavan.java



Saved



```
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

