

```
1 //Question 3
2 abstract class Bank
3 {
4     abstract int getBalance();
5 }
6 class BankA extends Bank
7 {
8     int deposit=100;
9     int getBalance()
10    {
11        return deposit;
12    }
13 }
14 class BankB extends Bank
15 {
16     int getBalance()
```



Try Dcoder's keyboard



```
15 {  
16     int deposit=150;  
17     int getBalance()  
18     {  
19         return deposit;  
20     }  
21 }  
22 class BankC extends Bank  
23 {  
24     int deposit=200;  
25     int getBalance()  
26     {  
27         return deposit;  
28     }  
29 }
```



Try Dcoder's keyboard



```
28 }
29 }
30 class Main
31 {
32     public static void main(String args[])
33     {
34         System.out.println("Author : P.laasya");
35         //object for Bank A
36         BankA i=new BankA();
37         System.out.println("Balance in Bank A: "+i.getBalance());
38         //object for Bank B
39         BankB j=new BankB();
```

```
40 System.out.println("Balance in Bank B: "+j.getBalance());  
41 //object for Bank C  
42 BankC k=new BankC();  
43 System.out.println("Balance in Bank C: "+k.getBalance());  
44 }  
45 }
```



: Try Dcoder's keyboard



```
Author : P.laasya  
Balance in Bank A: 100  
Balance in Bank B: 150  
Balance in Bank C: 200
```

```
Process finished.  
|
```

```
1 //Question 1
2 public class Main
3 {
4     public static long factorial(int i)
5     {
6         return (i < 1) ? 1 : i * factorial(i - 1);
7     }
8     public static void main(String[] args)
9     {
10         System.out.println("Author:P.laasya");
11         int i = 4;
12         System.out.println("The Factorial of " + i + " is " + factorial(i));
13     }
14 }
```

⋮ Make public 🌐



Author:P.laasya

The Factorial of 4 is 24

Process finished.

```
1 Question 5
2 import java.util.Scanner;
3 public class Main
4 {
5     int Id;
6     String Name;
7     int Age;
8     long Salary;
9     void GetData()
10    {
11        Scanner sc = new Scanner(System.in);
12        System.out.print("\n\tEnter Employee Id : ");
13        Id = Integer.parseInt(sc.nextLine());
14        System.out.print("\n\tEnter Employee Name : ");
```



```

15         Name = sc.nextLine();
16     System.out.print("\n\tEnter Employee Age : ");
17         Age = Integer.parseInt(sc.nextLine());
18     System.out.print("\n\tEnter Employee Salary : ");
19         Salary = Integer.parseInt(sc.nextLine());
20     }
21     void PutData()
22     {
23         System.out.print("\n\t" + Id + "\t" + Name + "\t" + Age + "\t" + Salary);
24     }
25     public static void main(String args[])
26     {
27         System.out.println("Author:P.laasya");
28         Main[] M = new Main[10];

```

```
29     int i;  
30     for(i=0;i<10;i++)  
31         M[i] = new Main();  
32     for(i=0;i<10;i++)  
33     {  
34         System.out.print("\nEnter details of " + (i+1) + " Employee\n");  
35         M[i].GetData();  
36     }  
37     System.out.print("\nDetails of Employees\n");  
38     for(i=0;i<3;i++)  
39         M[i].PutData();  
40 }  
41 }
```