

```
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
```

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```
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 }
```



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```
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());|
```



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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 }
```