

```
// Online Java Compiler  
// Use this editor to write, compile and run your Java code online  
  
//  
// Q.1) Find factorial of a number using Recursive function  
  
  
class Main {  
  
    public static void factorial(int num){  
  
        // int fact = 1;  
  
        // for(int i = 1; i<=num; i++){  
  
        //     fact = fact * i;  
  
        // }  
        // System.out.println(fact);  
  
  
        int no = 1;  
  
        int fact = no * 5;  
        factorial(num--);  
  
    }  
}
```

```
public static void main(String[] args) {  
  
    System.out.println(factorial(5));  
  
}  
}  
  
=====
```

```
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//Q2 Print binary of a number in reverse order eg. Input 4 O/P 0 0 1
```

```
class Main {  
  
    public static void binary(int num){  
  
        while(num>0){  
  
            if(num==0){  
                System.out.println(" 0 ");  
            }  
            else {  
                System.out.println(" 1 ");  
            }  
            num = num / 2;  
        }  
    }  
}
```

```
    int bi = num%2;
    System.out.print(bi);
    num = num /2;
}
}

public static void main(String[] args) {
    binary(4);
}

}
```

```
=====
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// Q.3) Solve following pattern (b)
```

```
class Main {

public static void main(String[] args) {
```

```
for (int i=3; i>=1; i--) {  
    for (int j=1; j<=i; j++) {  
        System.out.print("*");  
    }  
    System.out.println();  
}  
}  
}.
```