

```
// 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));  
  
}  
}
```

```
=====
```

```
// Online Java Compiler  
// Use this editor to write, compile and run your Java code online  
//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 {
```

```
        int bi = num%2;

        System.out.print(bi);

        num = num /2;
    }
}
}
```

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

```
    binary(4);
```

```
    }
}
```

```
=====
=====
```

```
// Online Java Compiler
```

```
// Use this editor to write, compile and run your Java code online
```

```
// 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();  
}  
}.  
}
```