++, --

+ -> add

- -> subtraction

* -> multiplication

/ -> divide

(post-increment)

```
-> a=10;   // a=10
-> a++;    // a=10
-> ____    // a=11
```

pre-increment

```
-> a=10    // a=10
-> ++a;    // a=11
-> ____;   // a=11
```

a=10;

```
public static Scanner scn = new Scanner(System.in);
```

```java
System.out.println(x: "please input length of rectangle: ");
int length = scn.nextInt();
System.out.println(x: "please input breath of rectangle: ");
int breath = scn.nextInt();

int area = length * breath;
int perimeter = 2 * (length + breath);

System.out.println("area of rectangle is: " + area);
System.out.println("perimeter of rectangle is " + perimeter);

boolean isSquare = false;
if (length == breath)
    isSquare = true;

System.out.println("is it a square: " + isSquare);
```

l

b

l*b

2*(l+b)

check for your assumption

Q/ 2 → even

4 → even

7 → odd

6 → even

7 → odd

1. You are given as input marks of a student.
2. Display an appropriate message based on the following rules:
    2.1 for marks above 90, print excellent.
    2.2 for marks above 80 and less than equal to 90, print good.
    2.3 for marks above 70 and less than equal to 80, print fair.
    2.4 for marks above 60 and less than equal to 70, print meets expectations.
    2.5 for marks less than equal to 60, print below par.

b, c

(a) a > b && a > c // a

b > c && b > a // b