

++ , --

+ → add

- → subtraction

* → multiplication

/ → divide

a = 10;

(post-increment)

→ a = 10; // a = 10

→ a++; // a = 10

→ // a = 11

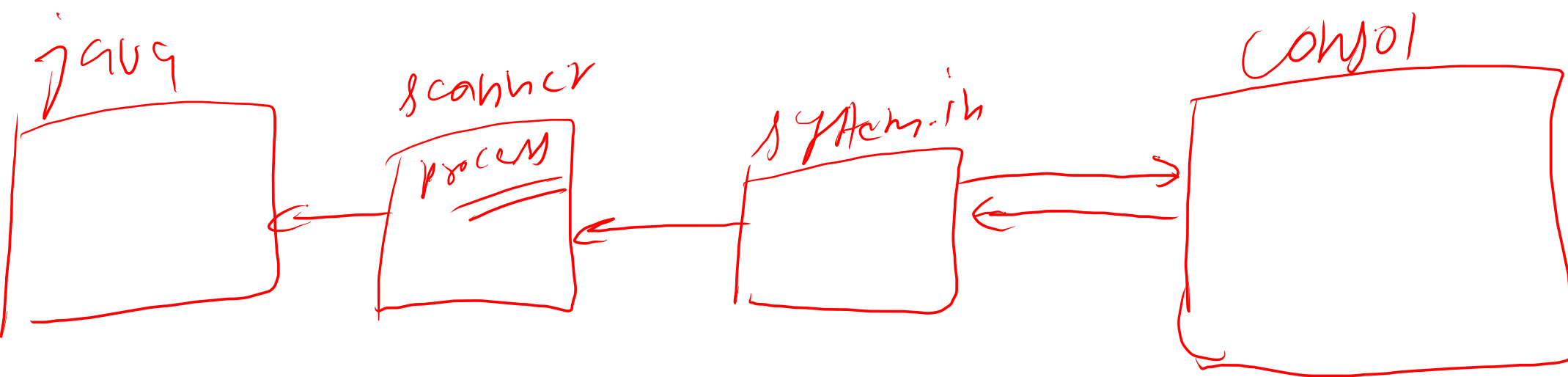
pre-increment

→ a = 10 // a = 10

→ ++a; // a = 11

→ ; // a = 11

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



```

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();

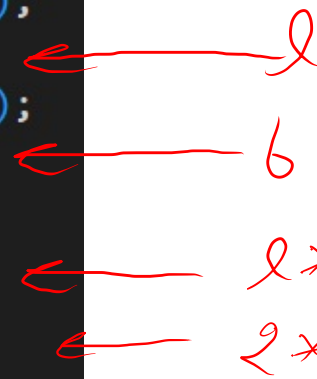
int area = length * breath;
int perimeter = 2 * (length + breath);

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

 $l \times b$

 $2 \times (l + b)$

Q1 $2 \rightarrow$ even
 $4 \rightarrow$ even
 $3 \rightarrow$ odd
 $6 \rightarrow$ even
 $7 \rightarrow$ 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.

6 C

(a) $a > 6$ // $a > C$ // a
 $6 > C$ // $6 > a$ // 6

