Relational op"

<, >, ==, <=, >=

Ternary opn - (Shortcut) (Rarely used)

(cond) ? true : false

Logical operator :

&&, ||, !

AND (*)

username	password	Result
true (1)	true (1)	true (1)
true (1)	false (0)	false (0)
false (0)	true (1)	false (0)
false (0)	false (0)	false (0)

OR (+)

+	1	0
1	true (1)	true (1)
0	true (1)	false (0)

true	true	true
true	false	true
false	true	true
false	false	false

NOT

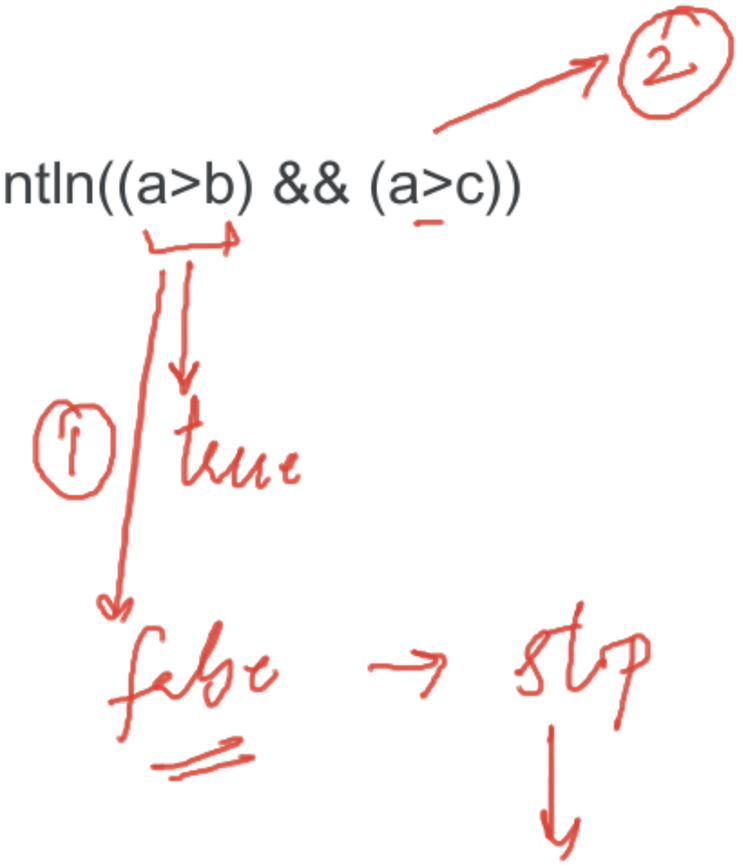
(1) username / email

AND

(2) pwd / DOB

{ true - valid
false - invalid }

System.out.println((a>b) && (a>c))



Control statements

→ Conditional / Statements → if, if-else, Ladder if-else if, Nested if else, switch case

→ Looping → for, while, do while, foreach (Arrays) or for

→ Jumping → break, continue

Largest No out of 3 Numbers :-

a = 10;
b = 6;
c = 20;

a = 10
b = 20

a > b

a < b

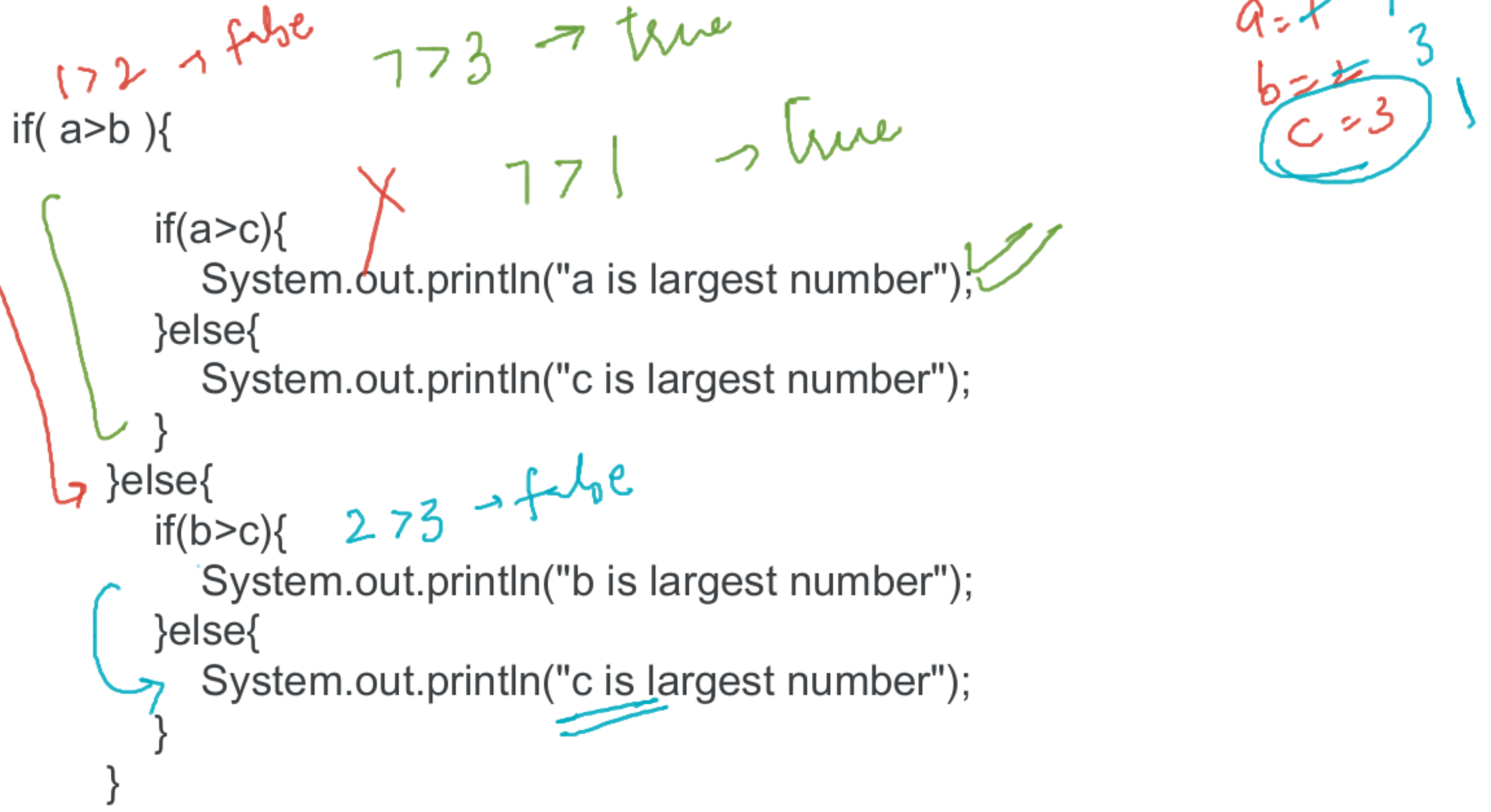
if-else

3

Ladder-if-else → Logical

Nested if-else →

```
if( (a>b) && (a>c) ){
    System.out.println("a is largest number");
}else if( (b>a) && (b>c) ){
    System.out.println("b is largest number");
}else{
    System.out.println("c is largest number");
}
```


1>2 → false
7>3 → true
7>1 → true
a=7
b=3
c=3
if(a>b){
if(a>c){
System.out.println("a is largest number");
}else{
System.out.println("c is largest number");
}
}else{
if(b>c){
2>3 → false
System.out.println("b is largest number");
}else{
System.out.println("c is largest number");
}
}