

ليام ضيا

boolean n = true
false ;

int a, b

a > b

a >= b

a < b

a <= b

a > a+1

a == b

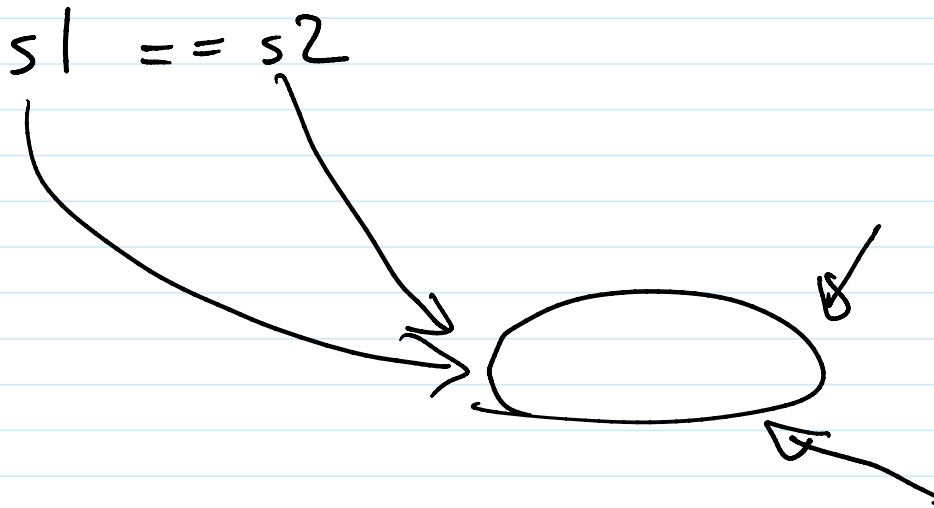
String s1, s2 = "ali";

s1.equals(s2)

s1.equals(s2)

"ali".equals("Ali"); // false

"ali".equals(s2); // true



b

		and		or		not	
A	B	A==B	A && B	A B	!A		
t	t	t	t	t	f		
t	f	f	f	t	f		
f	t	f	f	t	t		
f	f	t	f	f	t		

| | | | |

n l r

$$n \in [l, r) \iff \underbrace{n \geq l}_{n \geq l} \text{ \& \& } \underbrace{n < r}_{n < r}$$

$n \notin [l, r)$

$n < l \text{ \& } n \geq r$: 1 0 /
: 0 1 /

$n \notin [l, r) \iff \neg (n \in [l, r))$

$!(a == b)$

$$a \stackrel{\Downarrow}{!} = b$$

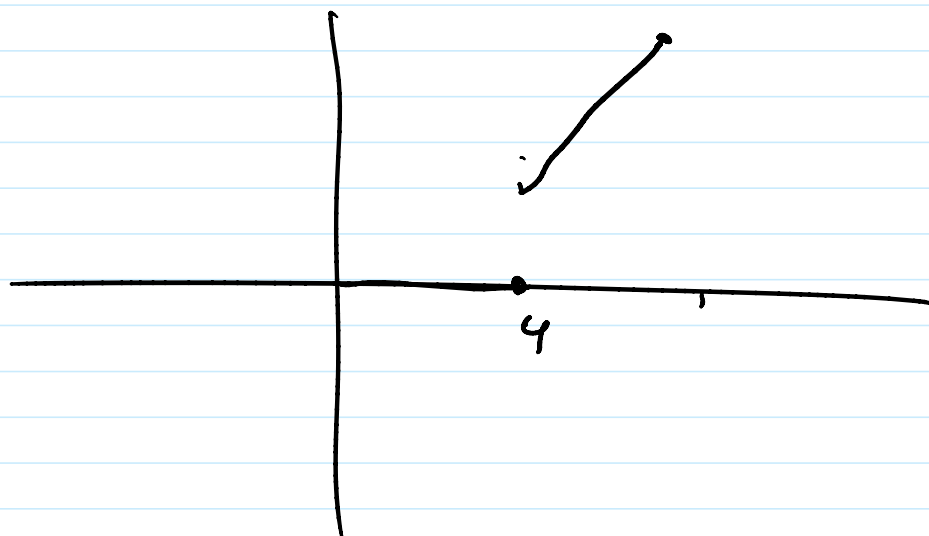
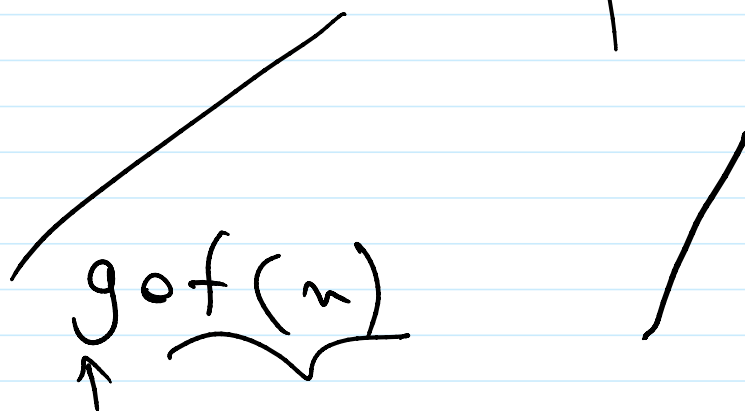
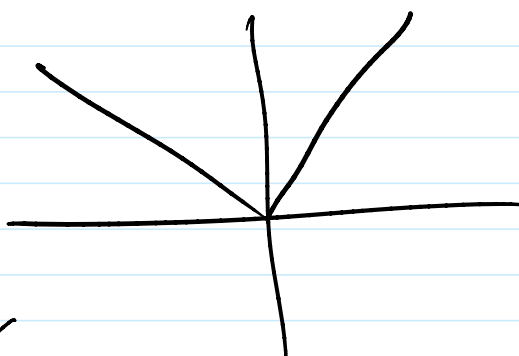
$$f(n) = \begin{cases} 0 & ; n \leq 6 \\ 0.1 \cdot (n-6) & ; n > 6 \end{cases}$$

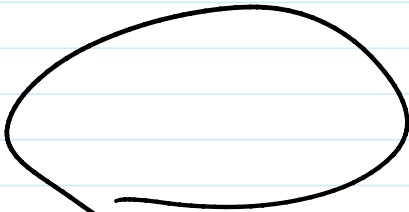
```
if ( boolean ) {
    [redacted]
}
```

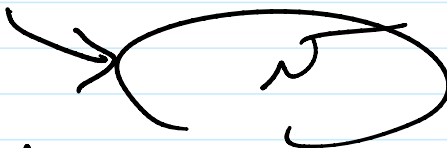
✓ ✓



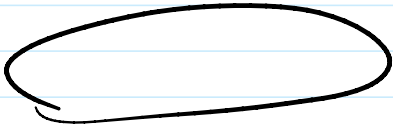
max
min



if (فرط) {

 }

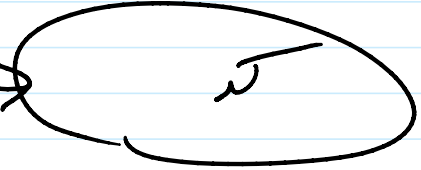
if (نقص) {

 }
 else {

```

    }
    if (! true) {
        
    }
}

```

```

else {
    
}

```

a	sum
10	0
12	10
	22

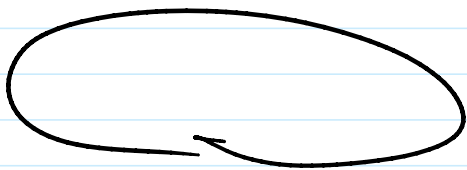
sum = 0

a = 10

sum = sum + a
 ↗ 0 ↘ 10

sum ← 10

while (تربط) {



}