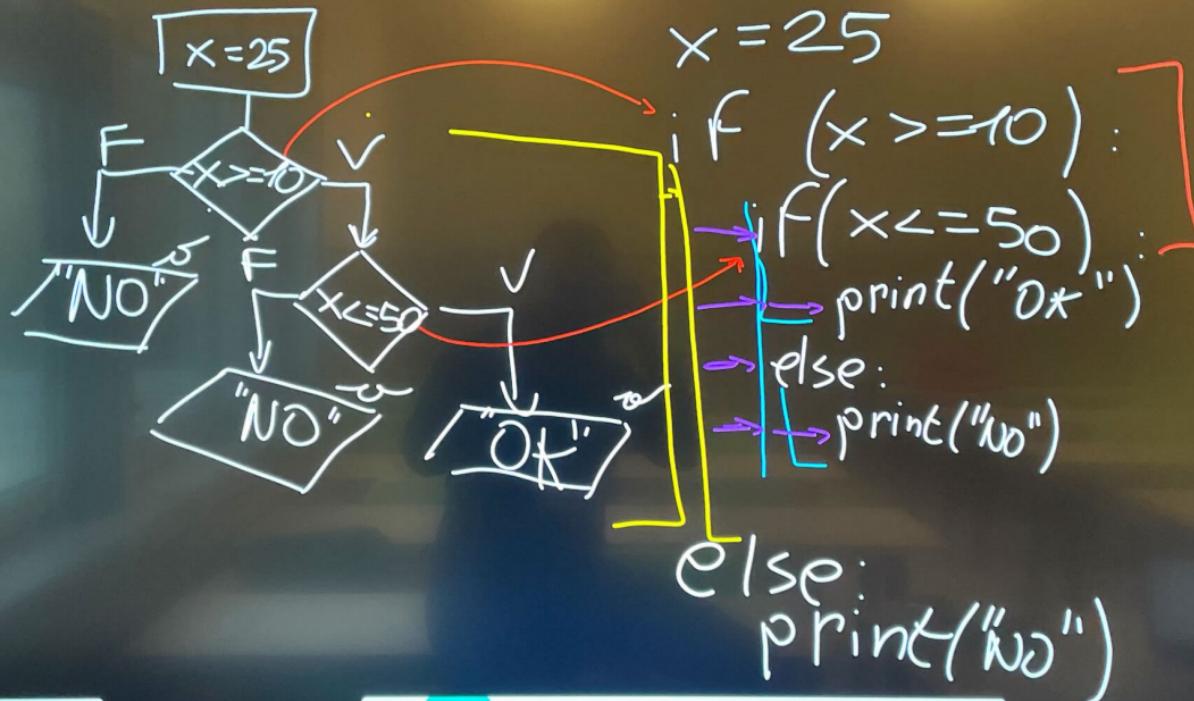


ESERCIZIO: VERIFICARE CHE  $X$   
SIA COMPRENSO TRA 10 e 50



DUE  
CONDIZIONI  
ANNIDATE  
INNESTATE

# OPERATORI LOGICI

AND

A	B	A AND B
0	0	0
0	1	0
1	0	0
1	1	1



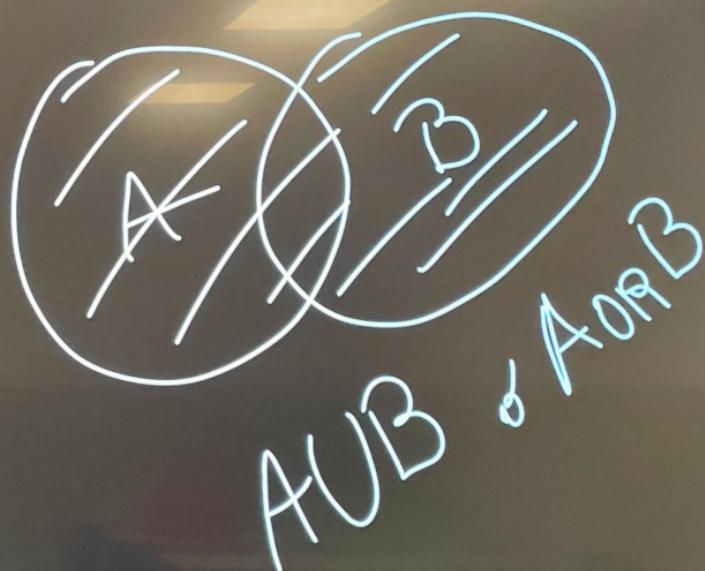
$A \cap B$  δ A AND B

$$0 = F$$

$$1 = V$$

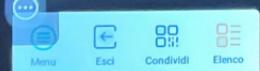
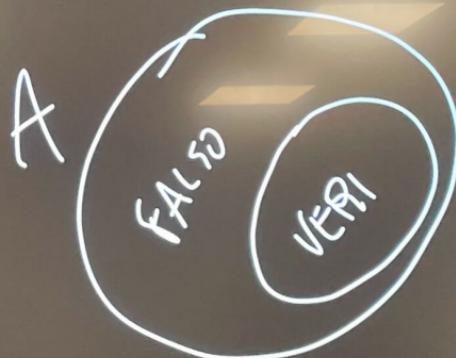
OR

A	B	A OR B
0	0	0
0	1	1
1	0	1
1	1	1



NOT

A	NOT A
0	1
1	0



## IN PYTHON

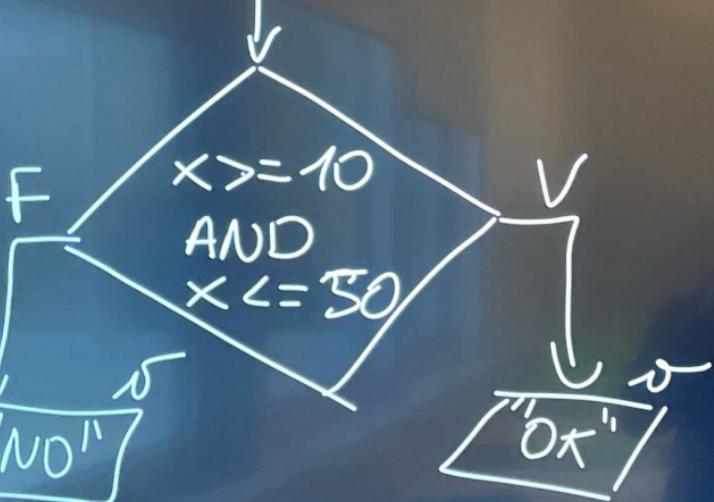
AND  $\Rightarrow$  and

OR  $\Rightarrow$  or

NOT  $\Rightarrow$  not ( $\sigma!$ )



$| x=25 |$



$x = 25$

```
if (x >= 10 and x <= 50) :  
    print("OK")  
else:  
    print("No")
```

E52: VERIFICA CHE UN NUMERO SIA POSITIVO/NEGATIVO O ZERO.  
SE POSITIVO  $\Rightarrow$  ELEVALO AL QUADRATO  
SE NEGATIVO  $\Rightarrow$  DIVIDILO PER 3  
SE ZERO  $\Rightarrow$  AGGIUNGI +10

$$\begin{array}{l} x=5 \\ \text{if } (x>0) \end{array}$$

$$\angle x = x * * 2$$

else:

| if ( $x = 0$ ):

$$\text{ok } x = x + 10$$

PKP

$$\angle x=x/3$$

elif (x == 0):

$$\angle x = x + 10$$

else:

$$x = x/3$$

