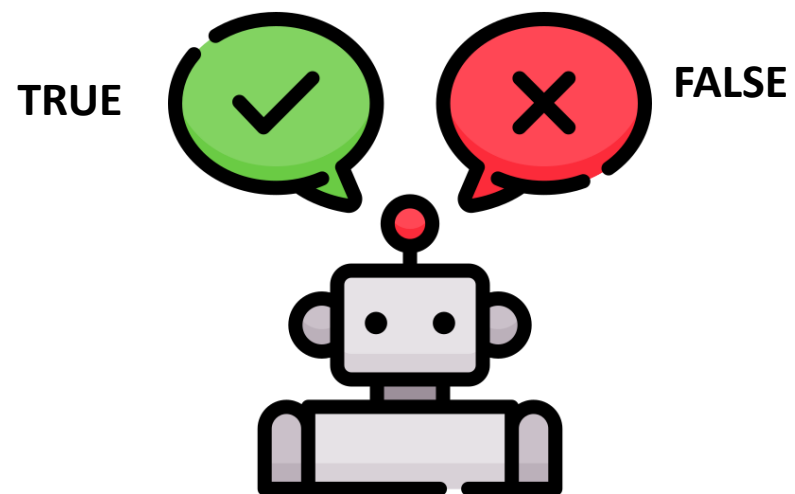




# BOOLEAN




# Find output of the code?

```
 main.py > ...  
1     a = 10  
2     b = 6  
3     isAGreaterThanB = a > b  
4     print(isAGreaterThanB)
```


# Find output of the code?

```
 main.py > ...  
1   a = 10  
2   b = 6  
3   isCorrect = a > b and a < b  
4   print(isCorrect)
```

# Find output of the code?

```
 main.py > ...  
1     a = 10  
2     b = 6  
3     isCorrect = a > b or a < b  
4     print(isCorrect)
```

# Find output of the code?

```
 main.py > ...  
1     a = 10  
2     b = 6  
3     isCorrect = not(a > b or a < b)  
4     print(isCorrect)
```



# Find output of the code?

```
main.py > ...  
1     x = 2  
2     y = 10  
3     z = 3  
4  
5     isCorrect = not(x == y and y == z and z == x and x == z and x > y and y < z)  
6     print(isCorrect)
```

# Find output of the code?

```
main.py > ...  
1  x = 2  
2  y = 10  
3  z = 3  
4  
5  isCorrect = not(x >= y or y <= z or z == x or x == z or x > y or y < z)  
6  print(isCorrect)
```

# Find output of the code?

 main.py >  isCorrect

```
1    x = 2
2    y = 10
3    z = 3
4
5    isCorrect = x > y and y > z and True and z > x and False
6    print(isCorrect)
```




# Find output of the code?


 main.py > ...

```
1
2  isCorrect = False and True or False and True or not False or False or True
3  print(isCorrect)
```

# Find output of the code?

```
 main.py > ...  
1 x = 2  
2 y = 10  
3 z = 3  
4  
5 isCorrect = (x == y and y == z) or (x == 1 and y == 10) or (x == 3 and x == 2) and not (y == 1 and y == z)  
6 print(isCorrect)
```

# Find output of the code?

```
 main.py > ...  
1   a = 10  
2   b = 5  
3   isAGreater = a > b  
4   isBGreater = b > a  
5   if isAGreater:  
6       |   print("A should be greater than B")  
7   elif isBGreater:  
8       |   print("B should be greater than A")  
9   else:  
10  |   print("A equal B")
```


# Find output of the code?

```
main.py > ...  
1   a = 10  
2   b = 10  
3   isAGreater = a > b  
4   isBGreater = b > a  
5   ∨ if isAGreater:  
6       |   print("A should be greater than B")  
7   ∨ elif isBGreater:  
8       |   print("B should be greater than A")  
9   ∨ else:  
10  |   print("A equal B")
```

# Find output of the code?

```
main.py > ...  
1   a = 10  
2   b = 8  
3   isAGreater = a > b  
4   isBGreater = b > a  
5   if isAGreater:  
6       print("A should be greater than B")  
7       if a >= 10:  
8           print("A greater or equal than 10")  
9           if b < 10:  
10              print("B smaller than 10")  
11
```

# Find output of the code?

 main.py > ...

```
1  a = 10
2  b = 10
3  isAGreaterOrEqual = a >= b
4  if isAGreaterOrEqual:
5      print("A should be greater than B")
6      if a >= 10:
7          print("A greater or equal than 10")
8          if b <= 10:
9              print("B smaller than 10")
10             if a == b:
11                 print("A equal to B")
```

# Find output of the code?

```
1  a = 10
2  b = 6
3  isAGreaterOrEqual = a >= b
4  if isAGreaterOrEqual:
5      print("A should be greater than B")
6      if a >= 10:
7          print("A greater or equal than 10")
8          if b <= 10:
9              print("B smaller than 10")
10             if a == b:
11                 print("A equal to B")
12             else:
13                 print("Yes")
14         else:
15             print("No")
16     else:
17         print("Okay")
18 else:
19     print("Sorry")
```

# Find output of the code?

```
main.py > a
1  a = 10
2  b = 6
3  isAGreaterOrEqual = a >= b
4  if isAGreaterOrEqual:
5      print("A should be greater than B")
6  else:
7      if a == b:
8          print("Sorry")
9      else:
10         if a != b:
11             print("Okay")
12         else:
13             if a < 10:
14                 print("No way")
```



Write code to display **number** from 0 - 9?

```
for i in range(10):  
    print(i)
```

Write code to display only **even** number from 0-100

```
for i in range(101):  
    if i% 2==0:  
        print(i)
```

Write code to display only **odd** number from 0-100

```
for i in range(100):  
    if i % 2 != 0:  
        print(i)
```

Write code to display **sum** number from 0-10

```
sum=0  
for i in range(10):  
    print(i)
```

Write code to display only number are **greater than 30** from 0-100

```
for i in range (100):  
    if i>30:  
        print(i)
```

Write code to display only number are **greater than 80 and Less than 25** from 0-100

```
for i in range(100):  
    if i>80:  
        print(i)  
    else:  
        if i>25:  
            print(i)
```

Write code to display only number are **greater than 80 and Less than 25** from 0-100

```
for i in range(100):  
    if i>80:  
        print(i)  
    else:  
        if i>25:  
            print(i)
```

Write code to display “**Hello**” only when  
I enter number **9** otherwise display **try again!**

```
number=input()  
if number=="9":  
    print("Hello")  
else:  
    print("try again")
```