

Practical 2

February 13, 2024

OR OPERATOR

```
[7]: code1=10>5 or 5<10  
print(code1)
```

True

AND OPERATOR

```
[3]: l_1 = [12,15,18,21,24,27,30]  
divisible = [num for num in l_1 if num % 2 == 0 and num % 3 == 0]  
print(divisible)
```

[12, 18, 24, 30]

Equality Operator

```
[5]: a=7  
b=6  
result=a==b  
print(result)
```

False

NOT OPERATOR

```
[8]: a=5  
b=10  
result1 = a!=b  
print(result)
```

False

XOR OPERATOR

```
[9]: a = 5  
b = 9  
  
a = a ^ b  
b = a ^ b  
a = a ^ b
```

```
print("After swapping:")  
print("a =", a)  
print("b =", b)
```

After swapping:

a = 9

b = 5

[]: