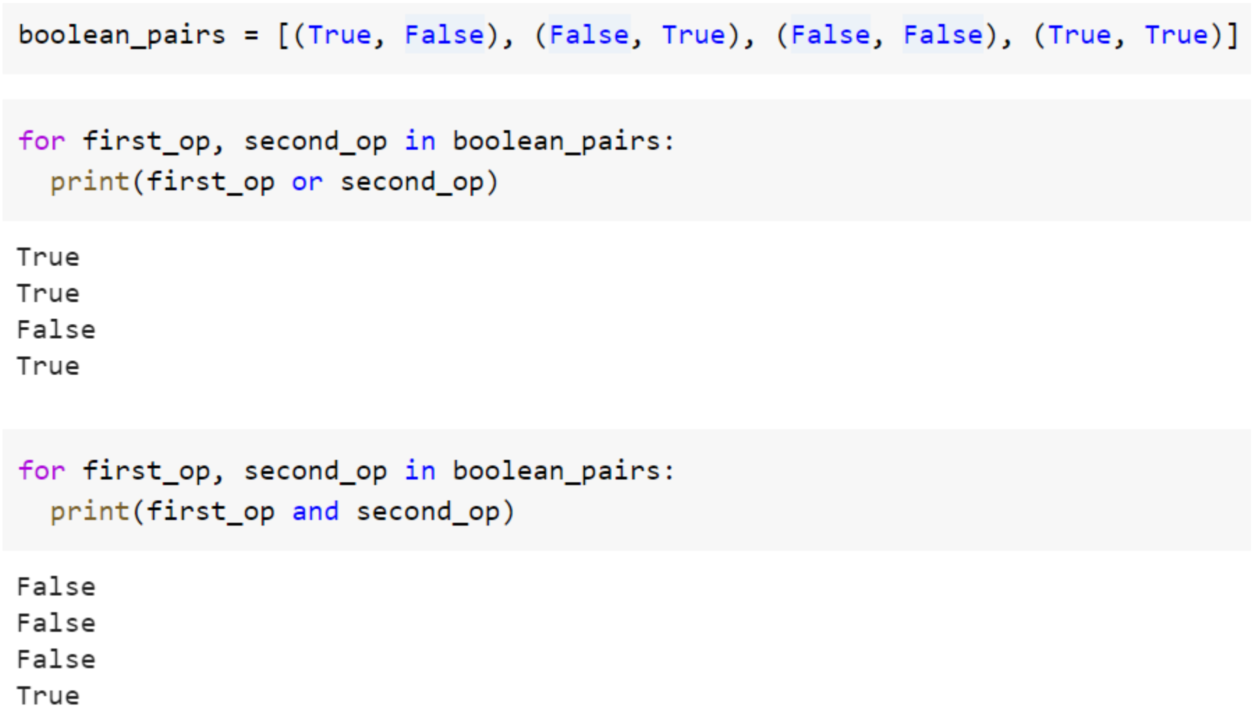
Briefly describe how both the *and* & *or* operators work. X

Include a brief pseudocode example of **both**. X

Provide at least one reference to support your findings. X

Hello,

An expression using the *and* operator begins by evaluating the first operand encountered. If the operand is false, **then the <u>value of the operand</u> is returned**; if not, the second operand is evaluated and its value returned. On the contrary, if the first operand is true given the *or* operator, its value is returned, **ending evaluation.**



```
boolean_pairs = [(True, False), (False, True), (False, False), (True, True)]
```

```
for first_op, second_op in boolean_pairs:
  print(first_op or second_op)
```

```
True
True
False
True
```

```
for first_op, second_op in boolean_pairs:
  print(first_op and second_op)
```

```
False
False
False
True
```

Thanks,
Lauren

References

The Python Language Reference. (n.d.). *Expressions: Boolean operations*

https://docs.python.org/3/reference/expressions.html?highlight=operator#boolean-operations