MASTER THE PYTHON INTERVIEW

What constitutes **True**?

part 1

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What constitutes **True**?

boolean expressions

- **yield** a **boolean**
- **comparison**

  var1 == var2 **var1 > var2** **...**
- **boolean operations**

  True and False **False or boolean_expression** **...**
- a function, method, builtin function, ... **returning** a boolean

What constitutes **True**?

conditional statements

- **conditional execution**

```
if boolean_expression1:
   …block1…
elif boolean_expression2:
   …block2…
else:
   …block3…
```

- **conditional expression** or **ternary operator**

```
value1 if boolean_expression else value2
```

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What constitutes **True**?

part 2

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What constitutes **True**?

truth value testing

- **bool()**

What constitutes **True**?

what constitutes **False**?

- **False or any boolean expression yielding False**
- **None**
- **zero numeric types** `0, 0.0, 0L, 0j`
- **empty sequences** `[ ], ‘ ’, ( )`
- **empty mappings** `{}`