

# Introduction to Python

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Conditionals (part 2)

# Warm-up

This table contains names of basketball players, their teams and state.

Player	State	Team
Giannis Antetokounmpo	Wisconsin	Milwaukee Bucks
Kevin Durant	New York	Brooklyn Nets
Stephen Curry	California	Golden State Warriors
Nikola Jokic	Colorado	Denver Nuggets
Joel Embiid	Philadelphia	Philadelphia 76ers

Work with a partner and think on how you would write a condition(s) including the player name and the state to get the team.

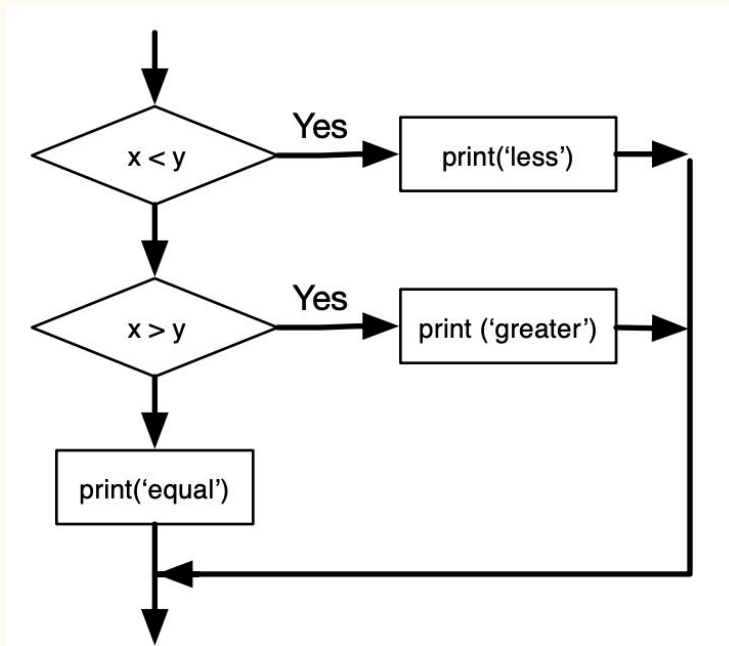
# Chained conditionals

We use them when we have more than 2 branches.

```
if x < y:  
    print('x is less than y')  
elif x > y:  
    print('x is greater than y')  
else:  
    print('x and y are equal')
```

No limit on the number of elif statements.

The else clause has to be at the end, but there doesn't have to be one.

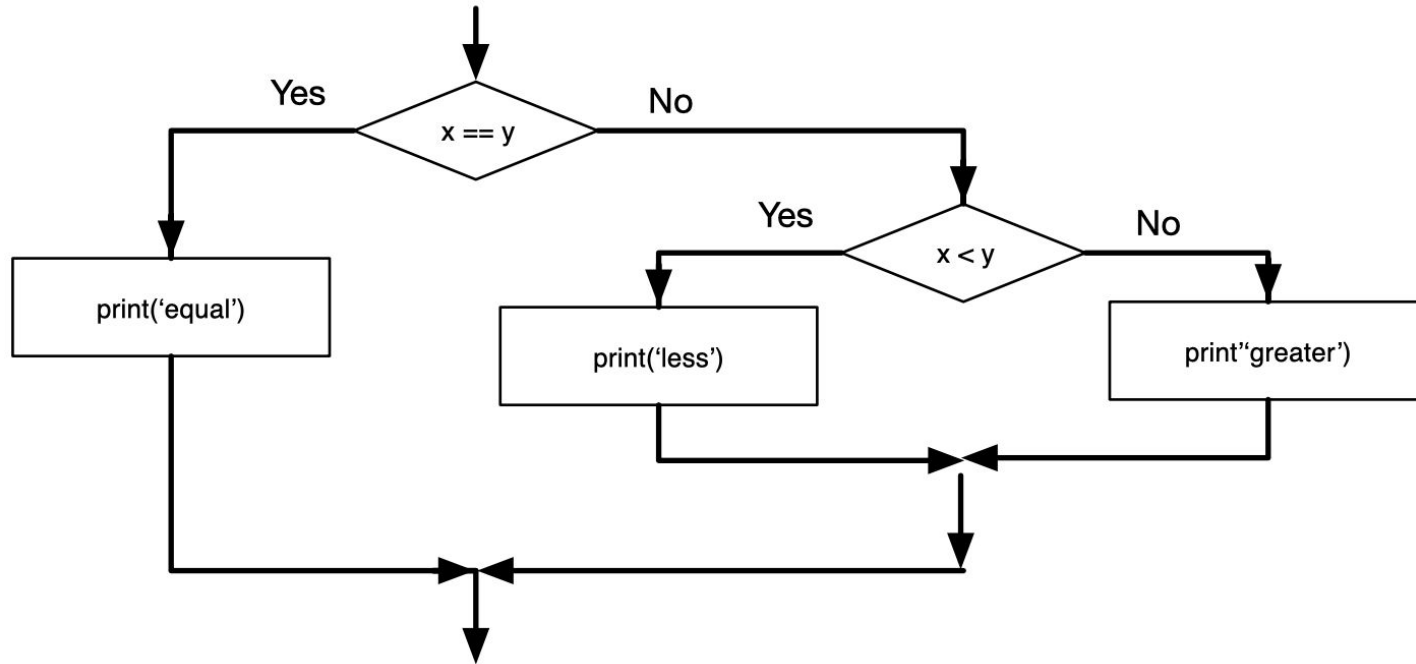


# Nested conditionals

One conditional can be nested within another.

We could have written the three-branch example like this:

```
if x == y:
    print('x and y are equal')
else:
    if x < y:
        print('x is less than y')
    else:
        print('x is greater than y')
```



# PAIR-PROGRAMMING

1. WORK ON “03 LAB - CONDITIONALS 2”  
WITH A PARTNER
2. COMPLETE YOUR DAILY LOG  
PROGRAMMING

QUESTIONS?