



Chaining Comparison Operators



Complete Python Bootcamp

- We can use logical operators to combine comparisons:
 - **and**
 - **or**
 - **not**
- Let's explore how to use these!

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In [83]: `1 < 2`

Out[83]: True

In [84]: `2 < 3`

Out[84]: True

In []: `1 < |`

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In [84]: `2 < 3`

Out[84]: True

In [85]: `1 < 2 < 3`

Out[85]: True

In []: |

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In [86]: `1 < 2 > 3`

Out[86]: False

In [88]: `1 < 2 and 2 < 3`

Out[88]: True

In []:

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In [88]: `1 < 2 and 2 < 3`

Out[88]: True

In [89]: `'h' == 'h' and 2 == 2`

Out[89]: True

In []:

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In [88]: `1 < 2 and 2 < 3`

Out[88]: True

In [90]: `('h' == 'h') and (2 == 2)`

Out[90]: True

In []:

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In [91]: `'h' == 'h' and 2 == 2`

Out[91]: True

In [93]: `100 == 1 or 2 == 2`

Out[93]: True

In []:

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```
In [91]: 'h' == 'h' and 2 == 2
```

```
Out[91]: True
```

```
In [94]: 100 == 1 or 2 == 200
```

```
Out[94]: False
```

```
In [ ]:
```

```
|
```

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In [97]: `1 == 1`

Out[97]: True

In [99]: `not 1 == 1`

Out[99]: False

In []:

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In [99]: `not 1 == 1`

Out[99]: False

In [101]: `not 400 > 5000`

Out[101]: True

In []: