

## Topic- If Else Loops

Beginner

Videos

1. Introduction to If Else loops

<https://www.youtube.com/watch?v=3VejlhDfwU>

2. Python Conditions

<https://www.youtube.com/watch?v=khi-3MJEXG0>

3. Indentation

<https://www.youtube.com/watch?v=sH-KC34i7to>

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Reading Material

1. Introduction to If Else loops

<https://www.programiz.com/python-programming/if-elif-else>

2. Python Conditions

[w3schools.com/python/python\\_conditions.asp](http://w3schools.com/python/python_conditions.asp)

3. Indentation

<https://www.geeksforgeeks.org/indentation-in-python>

## Intermediate

### Videos

1. Elif Statement  
<https://www.youtube.com/watch?v=Zp5MuPOtsSY>
2. Short Hand If Statement  
<https://www.youtube.com/watch?v=FsqiWRJeRDQ>
3. Nested If condition  
<https://www.youtube.com/watch?v=FxgdXXjn6B4>
4. The pass statement  
<https://www.youtube.com/watch?v=iYegtY08h0Y>

### Reading Material

1. Elif Statement  
[https://www.tutorialspoint.com/python/python\\_if\\_else.htm](https://www.tutorialspoint.com/python/python_if_else.htm)
2. Shorthand if statement  
[https://www.w3schools.com/python/gloss\\_python\\_if\\_else\\_shorthand.asp](https://www.w3schools.com/python/gloss_python_if_else_shorthand.asp)
3. Nested If condition  
<https://www.geeksforgeeks.org/nested-if-statement-in-python/>
4. The pass statement  
<https://www.geeksforgeeks.org/python-pass-statement/>

## ADVANCED

### Videos:

#### 1. The pass statement

<https://www.youtube.com/watch?v=iYegtY08h0Y>

### Reading material

#### 1. The pass statement- <https://www.geeksforgeeks.org/python-pass-statement/>

### Practice questions

1. <https://pynative.com/python-if-else-and-for-loop-exercise-with-solutions/>
2. <https://www.w3resource.com/python-exercises/python-conditional-statements-and-loop-exercises.php>