

# TOPIC- STRINGS

## BEGINNER

### Videos:

1. Introduction to strings  
<https://www.youtube.com/watch?v=Ctqi5Y4X-jA&t=26s>
2. Creating a String in Python  
<https://www.youtube.com/watch?v=xT9ixHxwVV0>
3. Accessing characters in python string  
<https://www.youtube.com/watch?v=9JUzyHoDDzM>
4. Reversing a string in python  
<https://www.youtube.com/watch?v=USw-dS6fHm4>
5. String slicing in python  
<https://www.youtube.com/watch?v=eH6GCyHnWTA>

### Reading material;

1. introduction  
[https://www.edureka.co/blog/strings\\_in\\_python/](https://www.edureka.co/blog/strings_in_python/)
2. Creating a string in python  
<https://www.hackerearth.com/practice/python/getting-started/string/tutorial/>
3. Accessing characters in string  
<https://thispointer.com/python-how-to-access-characters-in-string-by-index/>
4. Reversing a string in python  
[https://www.w3schools.com/python/python\\_howto\\_reverse\\_string.asp](https://www.w3schools.com/python/python_howto_reverse_string.asp)
5. String slicing in python  
<https://realpython.com/lessons/string-slicing/>

## INTERMEDIATE

### Videos:

1. Escape sequencing in python  
<https://www.youtube.com/watch?v=7q6mQnpOxgE>
2. Formatting of strings  
<https://www.youtube.com/watch?v=z4aqaH0kTWs>
3. Multiline strings  
<https://www.youtube.com/watch?v=ynDFFGv6poo>
4. String length  
<https://www.youtube.com/watch?v=5VkAlishHc0>

Reading material:

1. Escape sequencing in python  
<https://www.scaler.com/topics/escape-sequence-in-python/>
2. Formatting of strings  
[https://www.learnpython.org/en/String\\_Formatting](https://www.learnpython.org/en/String_Formatting)
3. Multiline strings  
<https://www.techbeamers.com/python-multiline-string/>
4. String length  
<https://www.tutorialkart.com/python/python-string-length/>

## ADVANCE

Videos:

1. Variables in string  
<https://www.youtube.com/watch?v=0cFA5Mj1Eq0>
2. Inplace boolean logic  
<https://www.youtube.com/watch?v=ZNECcXTLPwo>
3. Printing variable names and values  
<https://www.youtube.com/watch?v=HHvYUwtu51o>

Reading material:

1. Variables in string  
[https://fchart.com/ees/eeshelp/string\\_vars.htm](https://fchart.com/ees/eeshelp/string_vars.htm)
2. Inplace boolean logic  
<https://www.geeksforgeeks.org/g-fact-43-logical-operators-on-string-in-python/>
3. Printing variables names and values  
<https://www.freecodecamp.org/news/python-print-variable-how-to-print-a-string-and-variable/>

## PRACTICE QUESTIONS

1. <https://pynative.com/python-string-exercise/>
2. <https://csiplearninghub.com/practice-questions-of-string-in-python/>
3. <https://holypython.com/beginner-python-exercises/exercise-9-python-strings/>