Getting Started with Strings

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT

http://sakshat.ac.in

Script:Thirumalesh H S

Narrator:Trupti Kini

IIT Bombay

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- **Define strings in different ways**

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- **IPython 5.1.0**

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If not, see the pre-requisite Python tutorials on http://spoken-tutorial.org

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- """This can be a large string"""

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- **Strings in triple quotes can be written in multiple lines**
- **We can also define empty strings**
- **String is a collection of characters which cannot be modified after it is created**

Obtain the string
%%—————————%%(20 hyphens)
without typing out all the twenty
hyphens

s = "**Hello World**"

what is the output of

```
s[-5]
s[-10]
s[-15]
s[15]
```

split() and join() functions

We can split and join the strings by using the functions :
split() and join()

To join a string:
str.join(sequence)

To split a string:
str.split()

Summary

- ▶ **Define strings in different ways**
- ▶ **Concatenate strings**
- ▶ **Print a string repeatedly**
- ▶ **Access individual elements of the string**

Evaluation

1. **Write code to assign the string ' is called the apostrophe, to a variable s**

2. **How will you change s='hello' to s='Hello'?**

3. **The variables s and t are strings and r is integer**

   s = "Hello"

   t = "World"

   r = 2

   What is the output of s * r + t * r ?

Solutions

1. s = " ' is called the apostrophe"

2. **Strings cannot be manipulated after it is assigned a value**

3. **HelloHelloWorldWorld**

Forum to answer questions

- **Do you have questions in THIS Spoken Tutorial?**
- **Choose the minute and second where you have the question.**
- **Explain your question briefly.**
- **Someone from the FOSSEE team will answer them. Please visit**

http://forums.spoken-tutorial.org/

Forum to answer questions

- **Questions not related to the Spoken Tutorial?**
- **Do you have general / technical questions on the Software?**
- **Please visit the FOSSEE Forum**
  http://forums.fossee.in/
- **Choose the Software and post your question.**

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- **We give honorarium and certificate to those who do this**

For more details, please visit this site:

http://tbc-python.fossee.in/

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- **More information on this Mission is available at:**
  http://spoken-tutorial. org/NMEICT-Intro

THANK YOU!

For more Information, visit our website
http://fossee.in/