1. What are escape characters, and how do you use them?

Answer:’\’ is escape characters in python,its used to insert the illegal charc in the string.and also for \n->newline ,\t->for tabspace

Eg: c=’mass\\’

Output:’mass\’

2. What do the escape characters n and t stand for?

Answer:

\n->used for new line which prints next set of outputs in new lines

\t->its used for tabspace gives space and print the other state ments.

3. What is the way to include backslash characters in a string?

Answer:

By use of escape character we can do it below is the example

C=’mass\\’

4. The string "Howl's Moving Castle" is a correct value. Why isn't the single quote character in the word Howl's not escaped a problem?

Answer:

As we started with double quotes it takes end point as double quotes not a single quotes.if I have want double quotes we need to enclose it with triple quotes

5. How do you write a string of newlines if you don't want to use the n character?

Answer:

Instead of \n we can use end keyword In the string to print

6. What are the values of the given expressions?

Answer:

'Hello, world!'[1] - ‘e’

'Hello, world!'[0:5] – ‘Hello’

'Hello, world!'[:5] - ‘Hello’

'Hello, world!'[3:] - ‘lo, world!

7. What are the values of the following expressions?

Answer:

'Hello'.upper()- ‘HELLO’

'Hello'.upper().isupper()- True

'Hello'.upper().lower()- ‘hello’

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.'.split()

'-'.join('There can only one.'.split())

Output:

['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

9. What are the methods for right-justifying, left-justifying, and centering a string?

Answer:

rjust(),ljsut(),centre() are the methods

10. What is the best way to remove whitespace characters from the start or end?

Answer;

strip() is the best way in python to remove spaces.