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

A). backslash ‘\’ is a special character, also called as ‘escape character’ used to represent certain whitespace characters ‘\t’ tab, ‘\n’ new line, ‘\r’ carriage returns.

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

A). \n—New line

\t--tab

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

A). Conversely, prefixing a special character with “\” turns into normal character. when ever want represent a single or double quote in string.

Ex: ‘Ram\’s pen’ 🡪 Ram’s pen

“\”hello\””🡪 “hello

“hno-4’\5”🡪 hno-4\5

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?

A). since not used escape character. The string should written like below.

"Howl\'s Moving Castle"

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

A). 1st approach: Yes. \n has the ascii value of 10. So instead of actually typing out \n, we could use the ascii value of 10 with a %c for format specifier.

s= "ram chr(10) is a chr(10) good boy"

2nd approach: use ‘’’ quotes like below

S2 =‘’’ram

Is a good boy’’’

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

A). '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?

'Hello'.upper()

'Hello'.upper().isupper()

'Hello'.upper().lower()

A). '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())

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

'There-can-only-one.'

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

Python String | ljust(), rjust(), center()

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

A) strip()