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

Characters which we can’t use in a string (like single quotes, double quotes etc) can be used with the help of escape character. Backslash (\) is the escape character in python.

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

\n stands for new line character

\t stands for tab

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

Use double backslashes to include backslash in a string. First one will be the escape character and second will be part of string.

**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?**

Here we used double quotes to get our string so single quotes within these double quotes will be part of our string. Similarly if use single quotes to get string then double quotes within these single quotes will be part of our string.

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

We can simply use print() statement without any input as print function by default end with new line character.

**6. What are the values of the given expressions?**

**'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’

**'Hello'.upper().isupper()** = True

**'Hello'.upper().lower()** = ‘hello’

**8. What are the values of the following expressions?**

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

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

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

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

We can use inbuilt string methods str.rjust(len,fillchar) , str.ljust() and str.center() right-justifying, left-justifying, and centering a string respectively.

OR

We can use fstring for alignment of string. F"{'string’ : \*len}”

‘\*’= ‘<’ for left alignment

‘\*’= ‘>’ for right alignment

‘\*’= ‘^’ for center alignment

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

Str.strip() will remove all left and right spaces