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

An escape character is a special character that invokes an alternative interpretation on the following characters in a character sequence. In Python string, the backslash “\” is the special character called “escape” character.

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

“\n” stands for newline; and “\t” stands for tab

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

Because it uses double quotes to quote the single quote, so it won’t cause a problem.

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

Just use print() function to print a black line.

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?

Right-justifying: str.rjust()

Left-justifying: str.ljust()

Centering: str.center()

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

We can lstrip() or rstrip() to remove whitespace from left side or right side.