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

"\" is a special character, also called the "escape" character, which is used to represent certain whitespace characters: "\t" is a tab, "\n" is a newline, and "\r" is a carriage return

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

"\t" is a tab, "\n" is a newline

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

print('its a back slash \\ in a line')

**Output:** its a back slash \ in a line

**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?**

The possible error while using single quote in Howl's, can be avoided by using double quotes to mark the beginning and end of the string. Similarly, for double quotes, single quotes can be used

Example:

print("HowI's Moving Castle")

HowI's Moving Castle

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

We can use multiple print statements if you don’t want to use n character.

print(“bharat”)

print(“dogra”)

Output:

Bharat

dogra

**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?**

str = “bharat”

str.ljust(10, “-“)

‘bharat----’

str **=**"Bharat is a good boy"

str**.**rjust(40,'\*')

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Bharat is a good boy

str **=**"Bharat is a good boy"

str**.**center(40,'\*')

\*\*\*\*\*\*\*\*\*\*Bharat is a good boy\*\*\*\*\*\*\*\*\*\*

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

str =" bharat "

str.lstrip()

'bharat '

str =" bharat "

str.rstrip()

' bharat'