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

It is used for the illegal character in the string for example if our string is in double quotes and we want to use double quotes in between also then we use **\”** so by this we can use double quotes in the double quotes string.

The escape character is a backlash **\** followed by the character we want to use.

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

t\ is used for the tab

\n is used for the new line.

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

We can use double backslash to use backslash in the 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 the string is written in the double quotes. If the sting is written in the single quotes then we have to use backslash with single quotes to use the quotes

A=**’** **dharmesh\’s car is good’**--- I have used **\’** because my string is in single quotes.

A=’’**dharmesh car is good”** -- here my string is in double quotes so escape character is not required.

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

To write the string in the next line without using n character we can use triple quotes

**‘’’** hello every on my name is

Dharmesh rai **‘’’**

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()

This will convert hello into upper case.

'Hello'.upper().isupper()

This will convert hello into upper and will give the value True.

'Hello'.upper().lower()

This will convert hello into upper and will give the value False.

8. What are the values of the following expressions?

'Remember, remember, the fifth of July.’. Split ()

These will comma separates the words.

'-'.join (‘there can only one.’. Split ())

This will join all the character with **-** .

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

For centre ----**Variable .centre (,’ ‘),** for left-justifying **variable. ljust ( , ‘ ‘)** ,

for right justifying. **Variable. Just (, ‘ ‘)**

we use .method followed with the space and the character we want to use.

For example

**A=(“ hello everyone my name is dharmesh rai”)**

Print **(A. centre (4,’ ‘)** so the string will be centred by 4 white space. We can use anything space of any character. The same goes for .ljust and .rjust.

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

To remove the whitespace form the front and back we use

**Variable. Strip ()**