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

Ans: Escape sequences allow you to include special characters in strings. To do this, simply add a backslash (\) before the character you want to escape.

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

Ans: n stands for new line.t stands for tab.

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

If one wants to escape backslash character, one needs to escape it.

Example: One needs to print a path, then we need to escape each backslash

print("C:\\Users\\arijit\\Desktop")

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 apostrophe ‘ has not been escaped.

Correct way is print("Howl\'s Moving Castle")

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

print("Hello World ", end="")

print("I am a student of FSDS barch")

6. What are the values of the given expressions?

'Hello, world!'[1] :Ans: e

'Hello, world!'[0:5] Ans :Hello

'Hello, world!'[:5] Ans Hello

'Hello, world!'[3:] Ans: 'lo, world!'

7. What are the values of the following expressions?

'Hello'.upper() Ans: 'HELLO'

'Hello'.upper().isupper(): Ans:True

'Hello'.upper().lower() Ans: 'hello’

8. What are the values of the following expressions?

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

Ans: ['Remember,', 'remember,', 'the', 'fifth', 'of', 'July.']

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

Ans: 'There-can-only-one.'

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

rjust(), ljust(), center()

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

Ans: Use of lstrip() or rstrip() methods.