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

**Ans:** An escape character is a backslash \ followed by the character one want to insert.

**Code Description**

\’ Single quotation

\\ Backslash

\n New Line

\r Carriage return

\t Tab

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

**Ans:** \r Carriage return

\t Tab

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

**Ans:** To insert characters that are illegal in a string, use an escape character. An escape character is a backslash \ followed by the character one want to insert.

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?

**Ans :** As it is enclosed in diuble quote “ ” , representing it as a sring.

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

**Ans :** print(f"Hello\nWorld!") or

print("Hello”, end=’\n’ “World!")

6. What are the values of the given expressions?

'Hello, world!'[1]

'Hello, world!'[0:5]

'Hello, world!'[:5]

'Hello, world!'[3:]

**Ans:**

'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'.upper().isupper()

'Hello'.upper().lower()

**Ans:**

'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()

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

**Ans:**

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

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

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

'There-can-only-one.'

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

**Ans:**

**rjust()** will right align the string

Syntax : string.rjust(length, character)

**ljust()** will left align the string

Syntax : string.ljust(length, character)

**center()** Returns a cantered string

Syntax: string.center(length, character)

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

strip():removing any leading and trailing whitespaces.

rstrip(): remove trailing whitespace

lstrip(): remove leading whitespace