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

ANS: Escape characters or sequences are illegal characters for Python and never get printed as part of the output.

Use the backslash character to escape a single character or symbol. Only the character immediately following the backslash is escaped.

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

ANS: \n : new line

\t : a tab space

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

ANS: use raw string

for eg: print(r"hlo\n") or

Use Backslash character : print("hlo\\n")

1. 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: To print/use single quote in string enclose them within double quotes and to use use double quotes in string enclosed them in single quote to avoid any differences.

Or

Use backslash character : print("Howl\'s Moving Castle")

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

ANS: Enclose the subject string into triple quotes

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.'

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

ANS : rjust(), ljust(), center()

For eg: "hllo".center(10)

O/P: ' hllo '

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

ANS: String.strip()

For eg: " hllo".strip()

O/P : ‘hllo’