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

Ans: The characters which are not allowed while printing a string are escape characters eg.\ and “

We can use them with \

Eg. print("name:\"prachi\"")

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

Ans: n means new line

t means tab

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

Ans: with the help of \ we can include backslash characters in a string

Eg. print("name:\\prachi\\")

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: Single quotes inside double quotes or vice versa is allowed in python, it is not treated as escape character

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

Ans: We can use triple quotes

Eg. print("""There

can

only

one""")

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?

Ans: s.rstrip()

s.lstrip()

s.center()

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

Ans: s.strip()