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

**\’This represents a single quote**

**\nThis represents a newline**

**\rThis represents a carriage return**

**\tThis represents a tab**

**\bThis represents a backspace**

**\fThis represents a formfeed**

**\\This represents a backslash**

**\oooThis represents a octal value**

**\xhhThis represents a hex value**

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

**New line and tab respectively**

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

**\\This represents a backslash**

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?

**As with single quote starting from ‘H the string would end at l’ and rest of the string would not be having a starting ‘ . so that will be an error.**

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

**Using print statement line by line or else by using .replace() function by replacing whitespace or ‘,’ with \n in a string.**

1. 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!'**

1. What are the values of the following expressions?

'Hello'.upper()

**‘HELLO’**

'Hello'.upper().isupper()

**True**

'Hello'.upper().lower()

**‘hello’**

1. What are the values of the following expressions?

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

**[‘Remember,’ , ‘remember,’ ‘the’ , ‘fifth’ , ‘of’ , ‘July’.]**

**['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 centring a string?

**str.ljust()**

s**.**ljust**(**width**,** fillchar**=' ',** **/)**

**str.rjust()**

s**.**rjust**(**width**,** fillchar**=' ',** **/)**

**str.center()**

s**.**center**(**width**,** fillchar**=' ',** **/)**

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

**For right spaces**

**s.rstrip(chars=None, /)**

**For left spaces**

**s.rstrip(chars=None, /)**

**for the spaces not mentioned from any side.**

**s.rstrip(chars=None, /)**