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

**Ans.** In a string the escape characters are the characters which are different from normal characters as they can’t written otherwise normally into code. Like \n or \\ etc. All we need to do is to write the value representing the escape character into the string and the interpreter will do the rest.

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

**Ans.** For \n the escape character represents a newline and for \t it is tab.

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

**Ans.** For including a backslash we use \\, the first \ tells the compile that the next character is to be treated as a normal character and no special meaning should be associated with it.

**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.** This is because the quote circumscribing the string is a double quote and inside we have a single quote therefore its not a problems even if we switch places there won’t be any problem.

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

**Ans.** We can use a multiline string that is to write things inside a “”” ””” here the way we write is directly reflects it’s formating.

**6. What are the values of the given expressions?**

**‘Hello, world!’[1]**

**‘Hello, world!’[0:5]**

**‘Hello, world!’[:5]**

**‘Hello, world!’[3:]**

**Ans.**

* ‘e’ for the first output
* ‘Hello’
* ‘Hello’
* ‘lo, world!’

**7. What are the values of the following expressions?**

**‘Hello’.upper()**

**‘Hello’.upper().isupper()**

**‘Hello’.upper().lower()**

**Ans.** The outputs will be:

* ‘HELLO’
* True
* ‘hello’

**8. What are the values of the following expressions?**

**‘Remember, remember, the fifth of July.’.split()**

**‘-’.join(‘There can only one.’.split())**

**Ans.** The outputs are:

* [‘Remember,’, ‘remember,’, ‘the’, ‘fifth’, ‘of’, ‘July.’]
* ‘There-can-only-one.’

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

**Ans.** The methods are as follows:

* For right justify we have rjust()
* For left justify we have ljust()
* For centering a string we have center()

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

**Ans.** To remove whitespaces the best way is to use the rstrip() for ends and lstrip() for start.