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

ANSWER:

Whenever there is need to insert a illegal character in string value then escapr character is used to insert it.In python escape character is “\” followed by the illegal character which is required to be inside the string value.

Example

String value=” Hello I am “Adam””

With escape character

Value=”Hello I am \” Adam\” “.

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

ANSWER:

\n stands for newline and /t stands for a TAB

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

ANSSWER:

Use another backslash before a backlash.

Print(“\\”)

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?

Answer: A pair of single quotes or double quotes represents a string in python. So in the given example there is no issue in having a single quote inside a pair of double quotes as it is treated as part of the string enclosed by double quotes.

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

ANSWER:

Print(“hello”)

Print(“world)

6. What are the values of the given expressions?

‘Hello, world!’[1]

‘Hello, world!’[0:5]

‘Hello, world!’[:5]

‘Hello, world!’[3:]

ANSWER:

1.Output :e

2. Output : Hello

3.output: Hello

4. Output:lo, world!

7. What are the values of the following expressions?

‘Hello’.upper()

‘Hello’.upper().isupper()

‘Hello’.upper().lower()

ANSWER

1.HELLO

2.True

3.hello

8. What are the values of the following expressions?

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

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

Answer:

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

2. There-can-only-one.'

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

ANSWER:

Right-justifying-rjust()

Left-justifying:ljsut()

Centering:Center()

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

Answer:lstrip() and rstrip()