1. In the below elements which of them are values or an expression? eg:- values can be integer or string and expressions will be mathematical operators.

\*

-

/

+

2. What is the difference between string and variable?

**String is a word can be defined single or double quotes. String = 'Word'**

**Variable is for assigning the value in run time**

3. Describe three different data types.

**Integer**

**List**

**Dictionary**

4. What is an expression made up of? What do all expressions do?

> **Expression is mathematical operators to perform any arithmetic operations on any value or performing any task on strings.**

5. This assignment statements, like spam = 10. What is the difference between an expression and a statement?

> **Statements are like command which performs some action.**
> **Expression contains values and operators which results some end value.**

6. After running the following code, what does the variable bacon contain?

> **23**

7. What should the values of the following two terms be?

- 'spam' + 'spamspam' = **'spamspamspam'**
- 'spam' * 3= **'spamspamspam'**

8. Why is eggs a valid variable name while 100 is invalid?

- **Variable can be single or multiple characters. 100 cannot be variable which may create a conflict while performing any operations.**

9. What three functions can be used to get the integer, floating-point number, or string version of a value?

- **Int(100.1)**
- **Float(12)**
- **Str(10)**

10. Why does this expression cause an error? How can you fix it?

'I have eaten ' + 99 + ' burritos.'