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.

\* - (Expressions)

'hello'-“values”

-87.8-“values”

- (Expressions)

/ (Expressions)

* (Expressions)

6 (Expressions)

2. What is the difference between string and variable?

[Strings are the values assigning or stored to the variables and

Variables are used to store the values or strings]

3. Describe three different data types.

- Int,str,bool

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

- An expressions is made up of **operators and the operands. Expressions produce the new value with the operands.**

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

- Expressions with operands return a new value but statements wont return any value.

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

bacon = 22

bacon + 1

Ans- 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 should not start with number so 100 cant be the variable.

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

-Int(),float(),str()

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

'I have eaten ' + 99 + ' burritos.'-String and integer cant concatenate.

* We can fix as the following- 'I have eaten ' + ‘99’ + ' burritos.'