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.

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'hello' - string

-87.8- float

- - operator

/ - division website

* - addition operator

6 - integer

2. What is the difference between string and variable?

3. Describe three different data types.

Integer, float, Boolean, string

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

An expression is a combination of operators and operands that is interpreted to produce some other value. These combine to perform additions, through float, integer.

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

Ans:- statements represent as an action or command ex:- print statements, assignment statements. Expression is a combination of variables, operations and values that yields a result value.

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

bacon = 22

bacon + 1

23

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

'spam' + 'spamspam' = spamspamsapm

'spam' \* 3= spamspamsapm

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

Ans:- variables cannot be with the numbers.

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

Ans:- functions used for integer is int.

Functions used for floating is float.

Functions used for string is string.

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

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

This can be fixed by adding quotation to be 99. This can be return as

‘I have eaten’ + ‘99’+’burritos’