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.

\*

'hello'

-87.8

-

/

6

**All the options**

2. What is the difference between string and variable?

**Variable is used to store the data whereas string is data type used to collect information.**

3. Describe three different data types.

**String, Integer, Boolean**

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

**Expression is made of various values and expression is used to evaluate a defined value.**

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

**Didn’t get the question,**

**But expression is used to evaluate whereas a statement will be some command.**

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

bacon = 22

bacon + 1

**22**

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 cannot be numeric.**

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

**String,Float,Int**

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

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

**'I have eaten ' +’ 99’ + ' burritos.'—convert int to string.**