**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**

Ans: The following are variables or expression

* ‘hello’
* -87.8
* 6

**2. What is the difference between string and variable?**

Variable can store different types of data (which are of valid data types) of the format such as float, integer, double, characters strings etc.

The string is a specific data type that contains one (or) a sequence of characters and is usually defined by characters between the quotes “.”

**3. Describe three different data types.**

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

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

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

bacon = 22

bacon + 1

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

'spam' + 'spamspam'

'spam' \* 3

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

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

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

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