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.

\* - Expression

'hello' - Value

-87.8-Value

- -expression

/ -expression

* -expression

6 -value

2. What is the difference between string and variable?

Ans: A variable is a store of information, and string is a type of information you stored in variable.

3. Describe three different data types.

Ans: Integer, String, Double,List

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

Ans: An expression is a combination of operator and operand that is interpreted to produce some other values.

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

Ans: An expression evaluate the value, statement does something like, creating a variable or displaying a value. 6. After running the following code, what does the variable bacon contain?

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'

'spam' \* 3

Ans: spamspamspam, spamspamspam

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

Ans: because we can’t start variable name with integer value. we have to start name with string value.

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

Ans: Str(),int(),float()

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

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

Ans: It will throw data type conversion error. We can add string function to 99 and convert it to string.