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?

String is constant, it is a value

Variable is reference to the value

3. Describe three different data types.

Integers, float, string and lists

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

Expression is made of variables, values and operators. Expressions are evaluated by interpreter then displays the result

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

Statement does not print or produce any output. It will assign value.

Expressions evaluated then produced output

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

bacon = 22

bacon + 1

22 – It does not change

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 name should not start with number

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

Sir/Madam, I Cannot understand question

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

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

String concatenation error, convert 99 in to string ‘99’