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.

Elements Answer

\* expression

'hello' value

-87.8 value

- expression

/ expression

* expression

6 Value

2. What is the difference between string and variable?

String = is type of information

Variable= is store of information

3. Describe three different data types.

Float: float can store decimal value like 1.785

List : used to store multiple data in single variable

Integer: is store only numerical value

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

Expression made up by value, mathematical signs, contianors

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?

100 is an integer we can not start variable with integer

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

Int(), Float(), str()

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

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

99 is an integer it cannot be concatenated with strings ,we have to concatenate it we need to do typecasting.