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'-values

-87.8-values

- -expression

/ -expression

+-expression

6 -values

2. What is the difference between string and variable?

>String-is a Data Type.

Variable -which stores Data .

3. Describe three different data types.

>int -which stores numerical values(whole number).

float-which stores decimal values.

string -which store strings.

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

>Expression are made up of variables and operators.

Expression give a single term value.

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

>Expression are made up of variables and operators.

Statements are set of instructions which contaions expression too.

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

bacon = 22

bacon + 1

>23

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

'spam' + 'spamspam'

'spam' \* 3

>spamspamspam

spamspamspam

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

>while, variable name shouldn't be start with " numbers " and "\_"

, so 100 cant be variable where eggs can be.

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.'

>here, adding different data type is not possible (string +int =possible, int +sting =not possible).

'I have eaten'+str(99)+'burritos'