. 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.

\*

Ans expression

'hello'

Ans value

-87.8

Ans value

-

Ans expression

/

Ans expression

6

Ans expression

2. What is the difference between string and variable?

Ans string is a value whereas a variable is something that is assigned to a value to be called upon later

3. Describe three different data types.

Ans integers , string ,lists and Boolean is another data set

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

Ans expressions are mathematical operators .they allow us to do mathematical operations

2+3,2-3,6%2,2/1,2//1

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

Ans an expression are mathematical operators whereas statement are variables

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'

Ans spamspamspam

'spam' \* 3

Ans spamspamspam

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.'

Ans 99 is an integer ,it Cannot be added to a string

To fix it

‘I have eaten ‘+str(99)+’burritos’