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.

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'hello' = string

-87.8 = float

- = Mathematical Operators

/ = Mathematical Operators

6 = int

2. What is the difference between string and variable?

str - is a Data type

ariable = is memory assignment machin

3. Describe three different data types.

1- list

2-float

3-list

4-bool

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

Ans: expression made up for conclusion or calculation

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

A :expression is = llike assignment and

A: statment is whole senrace like spam = 10

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

bacon = 22

bacon + 1

affte becon = 23(becon = becon+1)

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?

Ans : for variable name mut be start with character etc ,so egg is vlid over 100

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

only full number is an integer no.

decimall point is a floating number

any single or double quoted is considered

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

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

Ans : - Data type errors occur - all is not a string so

we can fix it with below manners

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