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?

Ans Variable has store various information and string is the particular information.

3. Describe three different data types.

Ans - Int , Float, String

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

Ans- An expression is a combination of variables, values and Operator. All expression made up accordingly language syntax.

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

Ans: Statement is command which directly given to interpreter , and it execute like a print operation. An expression is made up with values, containers and mathematical operators

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' = ‘spamspamspam’

'spam' \* 3= ‘spamspamspam’

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

Ans: Numeric value can not be a variable

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

Ans; For integer – int() , for float(), and for str()

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

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

Ans : can only concatenate str (not "int") to str

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