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.

\* -- expressions

'hello' --string

-87.8 --float

- --expressions

/ --expressions

* --expressions

6 --integer

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2. What is the difference between string and variable?

A. String can have a alphabets,numbers but not combined but where as variable should be in integer,float etc

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3. Describe three different data types.

A. Integer:It has only numbers eg:0 to infinte and include negative number also

Float:it contains numbers but it has decimal points

Char:it has only alphabets eg:A to Z

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

A.A combo of operands and operators is called expression.it produces result after being interpreted

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

A. A statement in Python is used for creating variables or for displaying values.Spam =10 is a statement but where as if spam =10+10 this states that it is expression.

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

bacon = 22

bacon + 1

1. 23

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

'spam' + 'spamspam' = ‘spamspamspam’

'spam' \* 3 = ‘spamspamspam’

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

A. Variable names cannot begin with a number.

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

A.int(),float(),string()

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

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

1. Error: can only concatenate str (not "int") to str

Solution: 'I have eaten ' + '99' + ' burritos' resolved by keeping coma