# Assignment 1 ( Pythons Basics )

## Answer 1.

## \* is expressions

'Hello' is values

-87.8 is values

- is expressions

/ is expressions

+ is expressions

6 is values

## Answer 2.

## A string is a collection of words that are stored in some memory location or a data type but a variable is the address of memory where data is saved. We can start a string with a capital letter and use spaces between the letters but in variables we can not start with capital letters and we can not use space in between variables.

## Answer 3.

The first data type is “int”. In the int data type, we can only store integers.

The second data type is “float”. In float data type we can store numbers with decimals.

The third data type is “str”. In the str data type, we can store only strings.

## Answer 4.

## Expressions are made of some logical or mathematical operators. And they do some logical and mathematical operations on given data.

## Answer 5.

## Expression is a collection of mathematical and logical operators which gives some output or logical based output .In the other case statements is just a normal string which tells about simple things or tells about what is an expression .

## Answer 6 .

## After running the following code we get 23, but the variable bacon contains is still 22.

bacon = 22

bacon + 1 .

## Answer 7.

'spam' + 'spamspam'

'spam' \* 3

The values of the above two terms is ‘spamspamspam’.

Answer 8.The eggs is valid variable name but 100 is invalid because variables can not start with numbers. Answer 9. Three functions can be used to get the integer, floating-point number, or string version of a value is int(), float() and str().

## 

## Answer 10.

## The expression causes an error because 99 is an integer, and only strings can be concatenated to other strings with the + operator. The correct way is I have eaten ' + str(99) + ' burritos.'.

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