**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'** = Value

**-87.8** = Value

**-** = Expression

**/** = Expression

* = Value

**6** = Value

**2. What is the difference between string and variable?**

=String:- strings are text values composed of a sequence of characters.

Variable:- Name of the location of your primary memory of the operation..

Main difference between them is Variable can hold strings but String can't hold a Variable.

**3. Describe three different data types.**

i)Integer

ii) Floating number

iii)String

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

Expression is a combination of variables, operations and values that yields a result value.

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

In simple language a expression can be assigned to any variable or function(e.g a,b,c,d,10,20,45) while statement can't be assigned to any variable or function(e.g If,else,elif)

**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'**

**'spam' \* 3**

'spamspamspam'

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

NOT UNDERSTOOD

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

int()

float()

str()

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

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

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

can fix it by concatenating 99 into string