**Assignments 1**

1. Which of the following are operators, and which are values?

1. \* ->operator
2. 'hello' -> values
3. -88.8 -> values
4. - ->operator
5. / ->operator
6. + ->operator
7. 5 -> values

2. Which of the following is a variable, and which is a string?

1. Spam -> variable
2. 'spam' ->string
3. Name three data types.

Ans-> integer, char,float

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

Ans-> expresions are made up of values,variables and operator.Expression evaluates to a value.

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

Ans-> Expression evaluates to a value while statement performs an action.

6. What does the variable bacon contain after the following code runs?

1. bacon = 20 ->20
2. bacon + 1 ->21

7. What should the following two expressions evaluate to?

1. 'spam' + 'spamspam' ->spam spamspam
2. 'spam' \* 3 ->spam spam spam
3. Why is eggs a valid variable name while 100 is invalid?

Ans-> Variable name in python does not start with a number

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

Ans-> int(), float( ), str( )

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

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

Ans-> string does not add with a number ,to fix this error we have to make 99 as string.