#Assignment-1

\* = expression

'hello' = value

-87.8 = value

- = expression

/ = expression

+ = expression

6 = value

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

string is a type of variable. Variables can be of several types like integer, floating point, string, boolean

# 3. Describe three different data types.

int, boolean, string

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

expression is a combination of operators and variables

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

Expression is a combination of values that are combined and interpreted by the compiler to create a new value

statement is just a standalone unit of execution which doesn't return anything

# 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?

Because we can not assign int value for variable

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

int() , float() , and str( )

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

Coz we can not concatenate int and string variables

"i have eaten " + "99" + " burritos"