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'- values
-87.8- values
expressions
/ - expressions
+ - expressions
6 - values
2. What is the difference between string and variable?
Strings are represented within Inverted commas and they are a combination of words, Integers or Symbols.
However, Variables are containers which are allocated certain memory in the RAM. They act like a container that can hold any value.
3. Describe three different data types.
Strings,
List,
Tuple
4. What is an expression made up of? What do all expressions do?
Expressions are made of special symbols which are operator or operand and they perform a certain task to produce a different value.
5. This assignment statements, like spam = 10. What is the difference between an expression and a statement?
Expressions is something that returns an output however, statement assigns, update value etc where there is no return from written code.
6. After running the following code, what does the variable bacon contain?

```
bacon = 22
bacon + 1
bacon value will be 22 as we are not updating the value we are adding the 1 to the value of the
bacon but we are not storing it.
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?
100 is not a valid variable because it starts with a number.
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.'

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