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

   +   =expression

6 =value

2. What is the difference between string and variable?

A Variable is a store of information, and a String is a type of information you would store in a Variable. A String is usually words, enclosed with ""

Eg

String x ="Welcome to SoloLearn"

X is the Variable, and we declared it as a String, use the single = to assign the text to

3. Describe three different data types.

Text Type:	str
Numeric Types:	int, float, complex
Sequence Types:	list, tuple, range

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

An expression is a combination of values, variables, operators, and calls to functions. Expressions need to be evaluated. If you ask Python to print an expression, the interpreter evaluates the expression and displays the result.

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

 An expression evaluates a value and a statement executes something.

6. After running the following code, what does the variable bacon contain?

bacon = 22

bacon + 1

   A) 23

7. What should the values of the following two terms be?

'spam' + 'spamspam'

'spam' * 3

A(I) spamspamspam

A(II) spamspamspam

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

   Because variable name can't start with a number in python , a variable can start with underscore or any alphabets.

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

The **int() , float() , and str( ) functions** will evaluate to the integer, floating-point number, and string versions of the value passed to them.

We will use type() function to get datatype of a variable.

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

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

    A) It will give us type error because we can't add string and integer either we can add two strings or two integers