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.

\*

'hello'

-87.8

-

/

6

Ans:- Values : 'hello', -87.8, 6

Expressions: -, /, +, \*.

2. What is the difference between string and variable?

Ans:- String is a datatype , variable is assignment part

3. Describe three different data types.

Ans:- int, float, boolean

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

Ans:- Expressions are combined as a value for which it will assigned a another value

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

Ans:- Expression is formula and result of formula or a command

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

bacon = 22

bacon + 1

Ans:- 23

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

'spam' + 'spamspam'

'spam' \* 3

Ans:- it is same

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

Ans:- we should begin with, a string-like alphabet name then integer

9. 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:- 'I have eaten ' + ’ 99’ + ' burritos.'