1. In the below elements which of them are values or an expression? e.g.:- values can be integer or string and expressions will be mathematical operators.

\*

'hello'

-87.8

-

/

6

Ans—‘hello’ and 6

2. What is the difference between string and variable?

Ans –String is a type off information you would store in a variable, a variable is a store of information

3. Describe three different data types.

Ans- Integers, Floats,Booleans,Lists

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

Ans—An expression is a combination of operators and operands that is interpreted to produce some other value.in any programming language,an expression is evaluated as per the precedence of its operators

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

Ans—Expression is a combination of variables,operations and values that yields a result value

Statement represent an action or command e.g print statements ,Assignment statements

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

bacon = 22

bacon + 1

Ans—unable to get the answer ,Can you please help me this answer

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

'spam' + 'spamspam'

'spam' \* 3

Ans-- unable to get the answer ,Can you please help me this answer

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

Ans- unable to get the answer ,Can you please help me this answer

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

Ans—The Int(),float(),and Str() functions will evaluate the integer,floating point numberand string versions of the value passed to them

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

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

Ans—I think extra + sign of expression creates an error

The above answers were as per my knowledge Can you please provide me answers with detail explanation for the all 10 questions which were listed above