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.

\* -- multiple operator

'hello' -- string

-87.8 --negative float value

- subtraction operator

/ devision operator

* Addition operator

6 ---integer

1. What is the difference between string and variable?

Ans :- In computer programming, a string is traditionally a sequence of characters,but a variable is use to store some data.

Ex:- string -- “abcd” , variable -- a = ‘abcd’.

1. Describe three different data types.

Ans:- 1 integer --- 1,2,4,-3,-5

2 string -- ‘ffffhweiu’

3 float --- 2.0, 3.5,4.11

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

Ans:-- An expression is a construct made up of variables, operators, and method invocations, which are constructed according to the syntax of the language, that evaluates to a single value.

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

Ans:--Expressions always evaluate to a value, statements don't.

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

bacon = 22

bacon + 1

Ans :- bacon = 23

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

'spam' + 'spamspam'

'spam' \* 3

Ans :-- Both value are same \_\_”spamspamspam”

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

Ans:-- Variable name cannot start with a number.

1. 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:--because a number and a string cann’t be added.