Assignment 1

Answer 1

\* : Expression

‘Hello’ : Values

-87.8 :Values

- : Expressions

/ : Expressions

+ : Expressions

6 : Values

Answer 2

String - String is a collection of characters. Within single or double quotes. Eg. “Aman”

Variable - variable is an entity which stores address of any value that can be int, float, string etc. Int x , double y etc

Answer 3

Int data - It stores numerical values which are integer values for eg . -1,0,1etc upto 4 bytes

Char data - It stores any character. It holds only 1 character. For eg. ‘a’,’b’ ,etc. upto 2 bytes

Boolean - It stores boolean value either true or false. Upto 1 bit

Answer 4

An expression is a combination of operators and operands that produces some value.

They are used to evaluate some result depending upon our usecase.

For eg. x= 1+3

Print

Answer 5

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

For eg.

1+3

Statement represents an action or command. For eg.

print x

Answer 6

22

Answer 7

‘spam’ + ‘spamspam’ ===> ‘spamspamspam’

‘spam’ \* 3 ===> ‘spamspamspam’

Answer 8

Eggs is a valid variable because eggs is a name. 100 is invalid as it is numeric value which cannot be used as variable name.

Answer 9

int(), str(), float()

Answer 10

‘I have eaten’ + 99 + ‘burritos’

They cannot be concatenated as 99 is not a string value and string and int cannot be concatenated. We need to convert it into str before adding

‘I have eaten’ + str(99) + ‘burritos’