1. Values: 'hello', -87.8, 6

Expressions: \*, - , / , +

1. String is a data type. Variable is a place where we can store different data types.
2. int: can only store integers. Eg. 634081, -2957

float: can store decimals and fractions. It can basically store all real numbers. Eg. -3.537, 25/6

complex: can store imaginary or complex numbers. Eg. 3 - 4j

1. An expression is made up of variables, constants and operators. They execute the given command either storing the value in a variable or producing a result according to what is written in the expression.
2. Assignment statement means directly giving a value to a variable.

Eg. scam = 10

i/p: scam

o/p:10

Expression is doing a set of operations. We use a minimum of two or more operands when using an expression.

Eg. add = 125 + 53

i/p:add

o/p:178

1. i/p: bacon = 22

bacon+1

o/p: 23

1. i/p: 'spam' + 'spamspam'

o/p: ‘spamspamspam'

i/p: ‘spam’ \* 3

o/p: ‘spamspamspam'

1. The system gets confused if a variable starts with a number. So, variable egg is valid whereas variable 100 is not.
2. int()

float()

str()

1. Concatenation of different data types is not possible so 'I have eaten ' + 99 + ' burritos.' causes an error since there are two data types here - int and str.

We can execute it by changing the int into a str: 'I have eaten ' + ‘99’ + ' burritos.'

It gets executed and you get an output: ‘I have eaten 99 burritos.’