1. Values -> ‘hello’ , -87.8, 6

Expression -> \*, -, /, +

1. Variable is tool where you store information whereas string is a type of information where you can store only character information in a variable.
2. Int - stores a whole number of any sign -ve or +ve and can be of infinite lengt. Ex) 1, 2,3 ,4

Float - stores decimal numericals of any sign. Ex) -2.5

String - stores characters of string of characters in a variable. The values must be surrounded by quotation marks, single or double. Ex) ‘cat’

1. An expression in python contains mathematical or any operator in combination with operands(numbers or any valid entity/value) which evaluates to give us some result based on the operation. Ex) 2+3, 2\*3, ‘cat’+’cat’ etc.
2. Assignment statement assigns the value on the right to the variable on the left and return nothing whereas expression combines operations and operands and then evaluates on the operands using the operator and return the result.
3. 22
4. Spamspamspam

Spamspamspam

1. Eggs is valid because it follows the variable naming convention in python

100 is invalid because a variable name cannot start with a number in python

1. int(), float(), str() can be used to get the results required respectively.
2. It causes error because 99 in between is not an string literal we can replace it by ‘I have eaten’ + str(99) + ‘burritos’.