

Assignment-1

1. Values: 'hello', -87.8, 6
Expressions: *, -, /, +
2. String is a data type which is used to store value of numeric, symbols, letters etc and are immutable.
Variable can be any type which is used to refer some values.
3. The three data types are:
int → It is one of the primitive data type which stores integer value. Ex-1,2,3,4,5 etc
float → It is used to store decimal values Ex—1.5,2.1,3.05,4.012 etc
string → String can be anything which are stored quotes either in single quotes or double quotes. Ex- "sagar", "sag1121" etc
4. Expressions are made up of different operators like[+, -, *, /, %] and variables which are used to perform mathematical operations and other concatenating operation, which yields some results.
5. Statements represent action or command. Example like print statements, assignment statements just like spam=10 which is mentioned.

Expressions is combination of variables, operators and values that yields some results.

6. Bacon=23
7. 'spamspamspam' in both the case, in first case concatenation takes place and in second case string multiplication.
8. Variable can be anything except mathematical operators and numeric values, since 100 is numeric value it cannot be variable.

Say for example if we assign 100=10 it becomes contradictory statement.

9. a=12, b=12.5, c="sagar"

type(a) → int, type(b) → float, type(c) → str
isnum() for both integer and float
isalp() for strings

10. Strings are immutable so integer cannot be added to string, so integer should be converted to string then we can concatenate it.
'I have eaten'+ '99' + 'burritos'