Program 2 Report

Objective

The objective of this assignment was to get more comfortable with string and manipulating them in Python. Also part of this assignment is to help build confidence in using if and if-elif statements along with starting to use while loops to repeat operations.

Variables

Part 1.

fac1- integer input value to set conditions for functions

fac2- integer input value to set conditions for functions

user\_op- input for mathematic operators for setting function conditions

endsum- functional equation that works based on user\_op condition that is met

\*\*The variables above are used in a later part of code \*\*

Part 2

strg- variable for string input for function

new\_strg- variable for new string after case change

str1- string that is used to practice slicing.

n- calculates the length of the string using len function

f- slice of the string str1

a- another slice of the string str1

r- third slice of the string str1

expr- expression in string form

p1- slicing of expr for the number 12

p2- slicing of expr for the number 27

newexpr- expressing the expr to complete a mathematic value

stop- variable used to stop while loop statement from running infinitely

Part 3.

3.4

For the expression that is show, it could be possible to write code that expresses individual numbers that would and use nested if and if-elif loops to help get the expressions in the parentheses. Then use another if loop to execute the multiplication or any other operator the user wants to use.