Program 1 Report

The objective of this program was learn how to do some simple calculations on Python and also to become more familiar with for loops.

Variable

Listed below are variables used throughout the code

2.1

k- constant in for condition

2.2

halfmid- variable for height of half pyramid

n- conditional constant for range of half pyramid for loop

2.3

pmid- variable for height of a full pyramid

space- variable for the spacing of pyramid

t\_angle= full equation for pyramid

3.1

x- input value for parabola equation

eq\_1- equation for parabola

r- equation for parabola function

Report 1

Yes, the program will still work when the user enters a string as a "building block"

Report 2

The project still works when a different “building block” is used when executing the function.