

Binary Circuit Adding Program

quitOrStay = 's'

Is quitOrStay
!= 'q' ?

End

Create addition, instance of
AddingCircuit

Initialize lists and variables
Automatically with init()

greeting() function call

Print greeting
message

Return from greeting()

getUserInput() function call

While True:

Return to main part of
program

Try taking user
input

Print error
message

mergeTup() function call

Execute except block

For I in range(0, 4):
Append (num1, num2) as tuple to
tup[]
Return from mergeTup()

append input to num1 or
num2 list

Raise Value Error

Is input invalid?

