```python
import time
import math
import RPi.GPIO as IO
# Import the MCP4725 module.
import Adafruit_MCP4725

# Create a DAC instance.
dac = Adafruit_MCP4725.MCP4725()

IO.setmode(IO.BOARD)
IO.setup(15, IO.IN) #Setup input from button

#Setup for sin wave with voltage and frequency input
def sin_wave(volt_input, freq_input):
    t = 0.0
    tStep = 0.0005
    scale = 4096/3.3
    while True:
        voltage = scale * ((volt_input - 1) + math.sin(freq_input*t*(50/3.0)))
        dac.set_voltage(int(voltage))
        t += tStep
        time.sleep(0.0005)

#Setup for square wave with voltage and frequency input
def square_wave(volt_input, freq_input):
    while True:
        voltage = volt_input * (4096/3.3)
        dac.set_voltage(int(voltage))
        time.sleep((1.0/freq_input)/2.0)
        voltage = 0
        dac.set_voltage(int(voltage))
        time.sleep((1.0/freq_input)/2.0)

#Setup for triangle wave with voltage and frequency input
def triangle_wave(volt_input, freq_input):
    tStep = 0.005
    scale = volt_input*(4096 / 3.3)
    slope = 2*volt_input*freq_input*(10/8.4)

    while True:
        voltage = 0
        while voltage<volt_input:
            voltage += slope * tStep
            dac.set_voltage(int(voltage*(4096/3.3)))
            time.sleep(0.005)
        while voltage >= 0:
            voltage -= slope * tStep
            dac.set_voltage(int(voltage*(4096/3.3)))
            time.sleep(0.005)

#Waiting for button input to call on the specific waveform
while True:
    if(IO.input(15)):
        shape_input = input("Shape of Waveform: ")
        volt_input = input("Max output voltage: ")
        freq_input = input("Frequency: ")

        if (shape_input == 'sin'):
            sin_wave(volt_input, freq_input)
        elif (shape_input == 'triangle'):
            triangle_wave(volt_input, freq_input)
        elif (shape_input == 'square'):
            square_wave(volt_input, freq_input)
        else:
            print "Wrong shape input"

```