Graphic_Visualizer

```processing
//Graphic Visualizer Example
//A variation of Audio Visualizer by Author Unknown
//Mr. H.

import ddf.minim.analysis.*;
import ddf.minim.*;

Minim minim;
AudioInput input;
FFT fft;

void setup()
{
  size(480, 320);
  noCursor();

  minim = new Minim(this);
  input = minim.getLineIn();

  fft = new FFT(input.bufferSize(), input.sampleRate());
}

void draw()
{
  background(0);
  stroke(255,0,0);
  strokeWeight(5);

  fft.forward(input.mix);

  //draws verticals lines representing amplitude of frequency
  for (int i = 0; i < fft.specSize(); i = i + 10)
  {
    line(i, height - 20, i, height - fft.getBand(i) * 1.5 - 20);
  }

  //draws black horizontal lines to create individual LED effect
  for (int i = 0; i <= height; i = i + 8)
  {
    stroke(0);
    line(0,i,width,i);
  }
}
```