import time

import Adafruit\_GPIO.SPI as SPI

import Adafruit\_SSD1306

from PIL import Image

from PIL import ImageDraw

from PIL import ImageFont

# Raspberry Pi pin configuration:

RST = 24

# Note the following are only used with SPI:

DC = 23

SPI\_PORT = 0

SPI\_DEVICE = 0

# Beaglebone Black pin configuration:

# RST = 'P9\_12'

# Note the following are only used with SPI:

# DC = 'P9\_15'

# SPI\_PORT = 1

# SPI\_DEVICE = 0

# 128x32 display with hardware I2C:

disp = Adafruit\_SSD1306.SSD1306\_128\_32(rst=RST)

# Initialize library.

disp.begin()

# Clear display.

disp.clear()

disp.display()

# Create blank image for drawing.

# Make sure to create image with mode '1' for 1-bit color.

width = disp.width

height = disp.height

image = Image.new('1', (width, height))

draw = ImageDraw.Draw(image)

padding = 2

shape\_width = 20

top = padding

bottom = height-padding

# Move left to right keeping track of the current x position for drawing shapes.

x = padding

# Load default font.

font = ImageFont.load\_default()

draw.text((x, top), 'Hello', font=font, fill=255,)

draw.text((x, top+10), 'Electronic clinic!', font=font, fill=255)

# Display image.

disp.image(image)

disp.display()