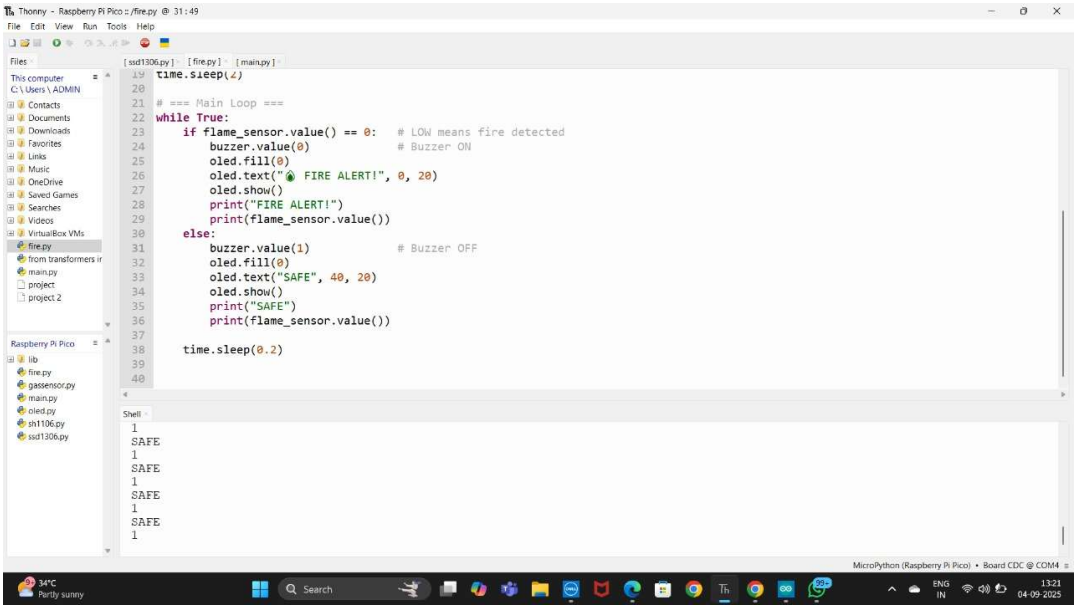
EXECUTION :


Thonny - Raspberry Pi Pico :: /fire.py @ 31 : 49
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Videos
VirtualBox VMs
fire.py
from transformers ir
main.py
project
project 2
Raspberry Pi Pico
lib
fire.py
gassensor.py
main.py
oled.py
sh1106.py
ssd1306.py
[ssd1306.py] [fire.py] [main.py]
time.sleep(2)
# === Main Loop ===
while True:
if flame_sensor.value() == 0: # LOW means fire detected
buzzer.value(0) # Buzzer ON
oled.fill(0)
oled.text("🔥 FIRE ALERT!", 0, 20)
oled.show()
print("FIRE ALERT!")
print(flame_sensor.value())
else:
buzzer.value(1) # Buzzer OFF
oled.fill(0)
oled.text("SAFE", 40, 20)
oled.show()
print("SAFE")
print(flame_sensor.value())
time.sleep(0.2)
Shell
1
SAFE
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SAFE
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SAFE
1
MicroPython (Raspberry Pi Pico) • Board CDC @ COM4
34°C
Partly sunny
Search
ENG
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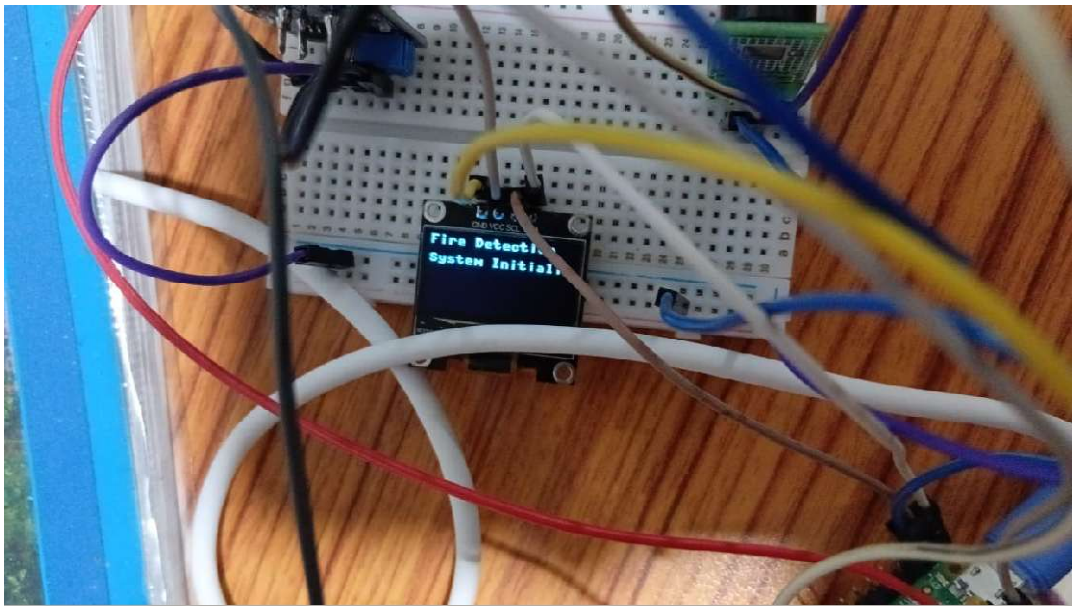
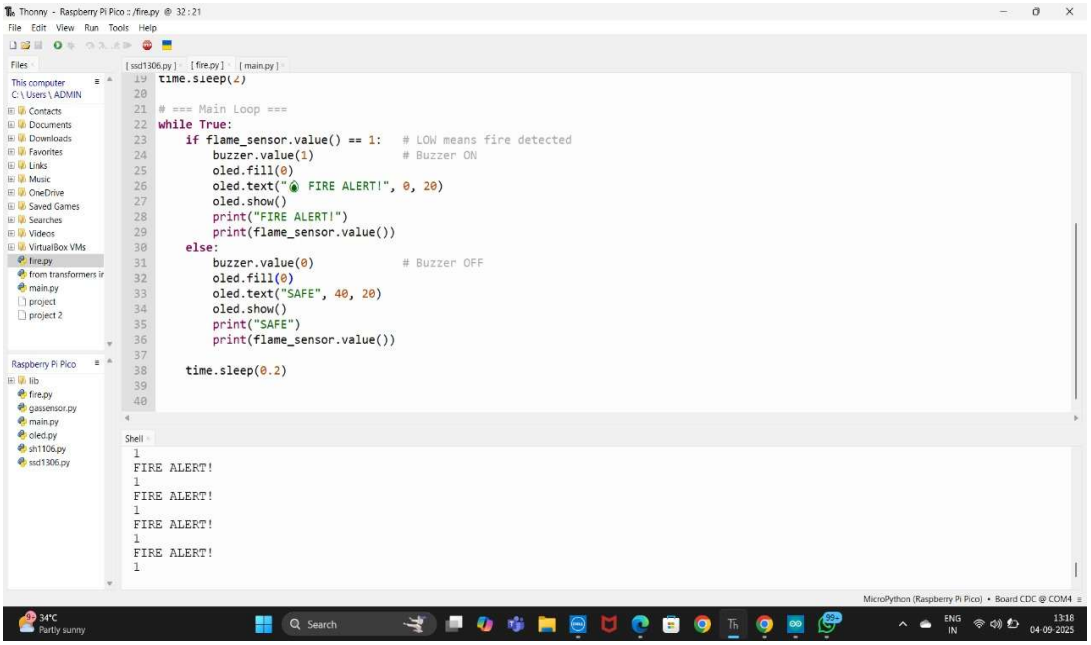
13:21
04-09-2025


Fire Detecti
System Initial


Thonny - Raspberry Pi Pico :: /fire.py @ 32 : 21
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Raspberry Pi Pico
lib
fire.py
gassensor.py
main.py
oled.py
sh1106.py
ssd1306.py
[ssd1306.py] [fire.py] [main.py]
time.sleep(2)
# === Main Loop ===
while True:
if flame_sensor.value() == 1: # LOW means fire detected
buzzer.value(1) # Buzzer ON
oled.fill(0)
oled.text("🔥 FIRE ALERT!", 0, 20)
oled.show()
print("FIRE ALERT!")
print(flame_sensor.value())
else:
buzzer.value(0) # Buzzer OFF
oled.fill(0)
oled.text("SAFE", 40, 20)
oled.show()
print("SAFE")
print(flame_sensor.value())
time.sleep(0.2)
Shell
1
FIRE ALERT!
1
FIRE ALERT!
1
FIRE ALERT!
1
FIRE ALERT!
1
MicroPython (Raspberry Pi Pico) • Board CDC @ COM4
34°C
Partly sunny
Search
ENG
IN
13:18
04-09-2025