Hazardous Gas Detection System

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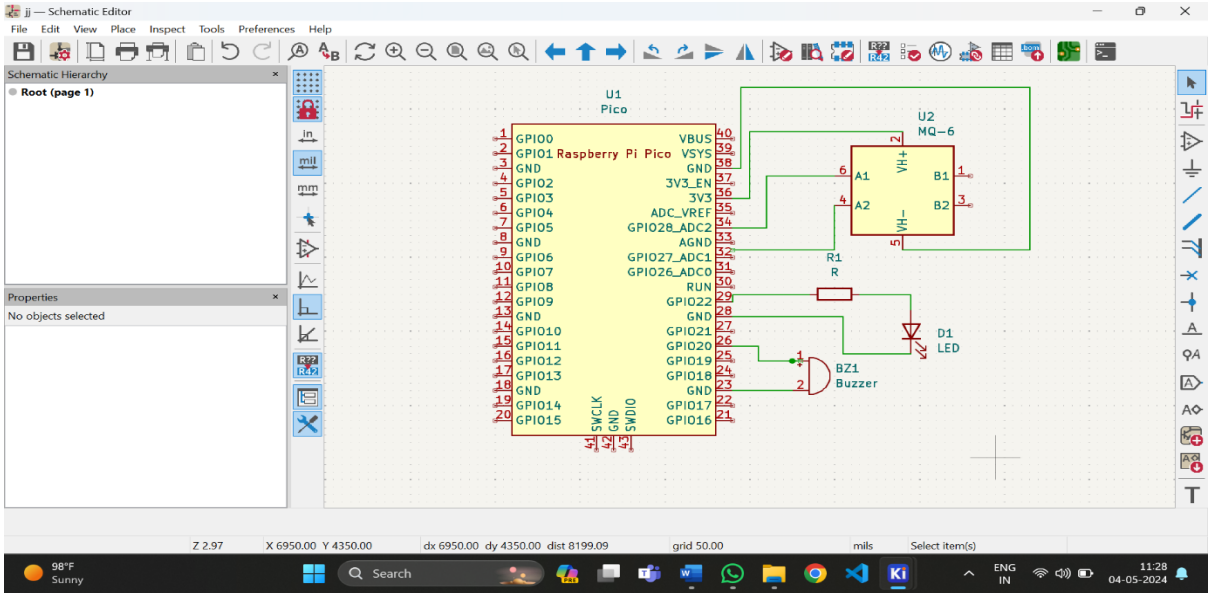
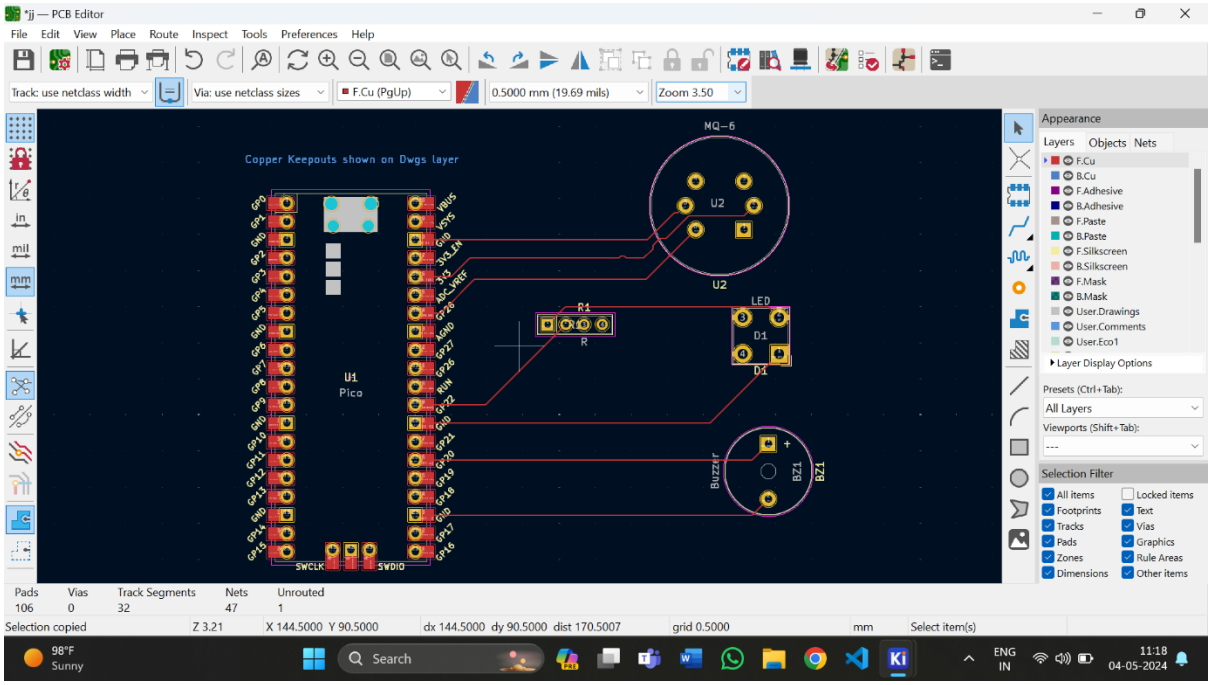
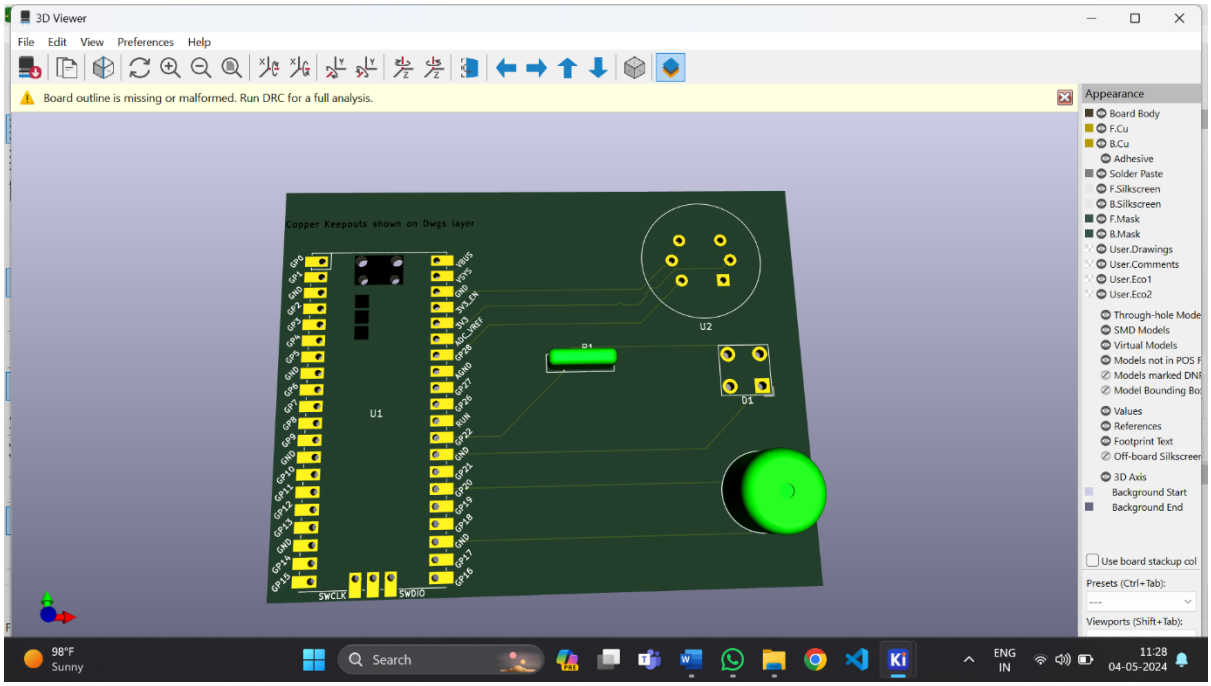
NALLAMADA MANJUNATH-(22785A0418)

VAMSI THUMMALURI-(22785A0428)

Git Hub :






3D Viewer
File Edit View Preferences Help
Board outline is missing or malformed. Run DRC for a full analysis.
Appearance
Board Body
F.Cu
B.Cu
Adhesive
Solder Paste
F.Silkscreen
B.Silkscreen
F.Mask
B.Mask
User.Drawings
User.Comments
User.Eco1
User.Eco2
Through-hole Mode
SMD Models
Virtual Models
Values
References
Footprint Text
Off-board Silkscreen
3D Axis
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Viewports (Shift+Tab):
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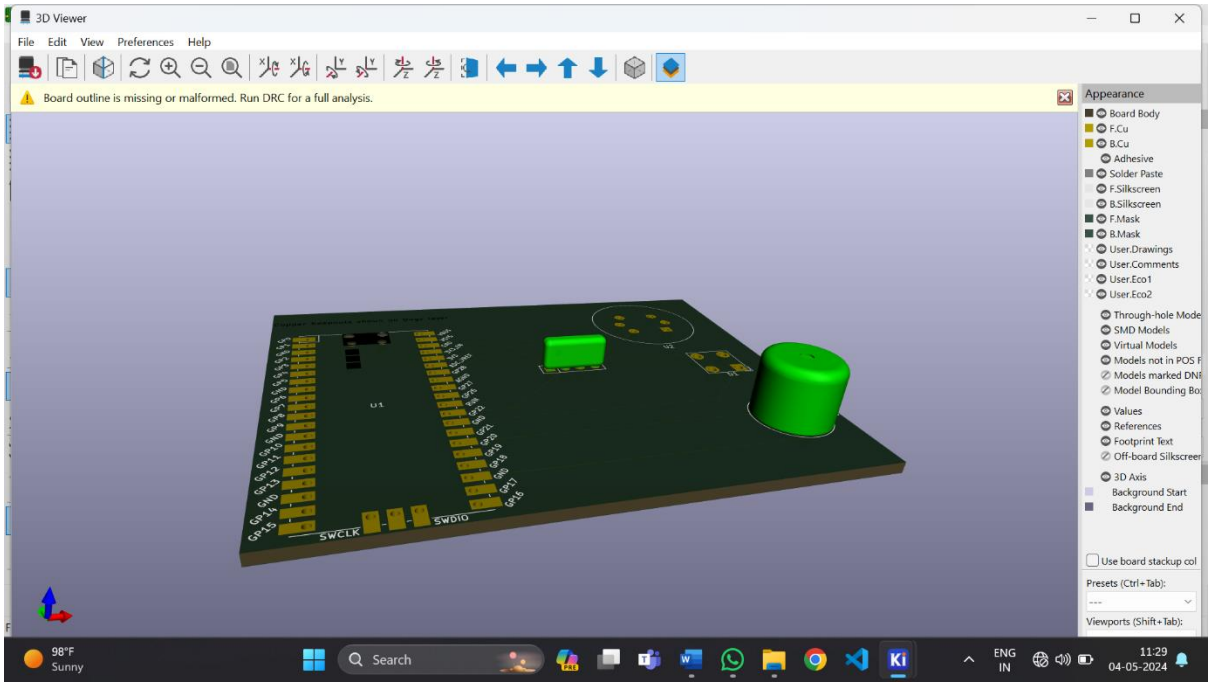
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Presets (Ctrl+Tab):
Viewports (Shift+Tab):
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98°F
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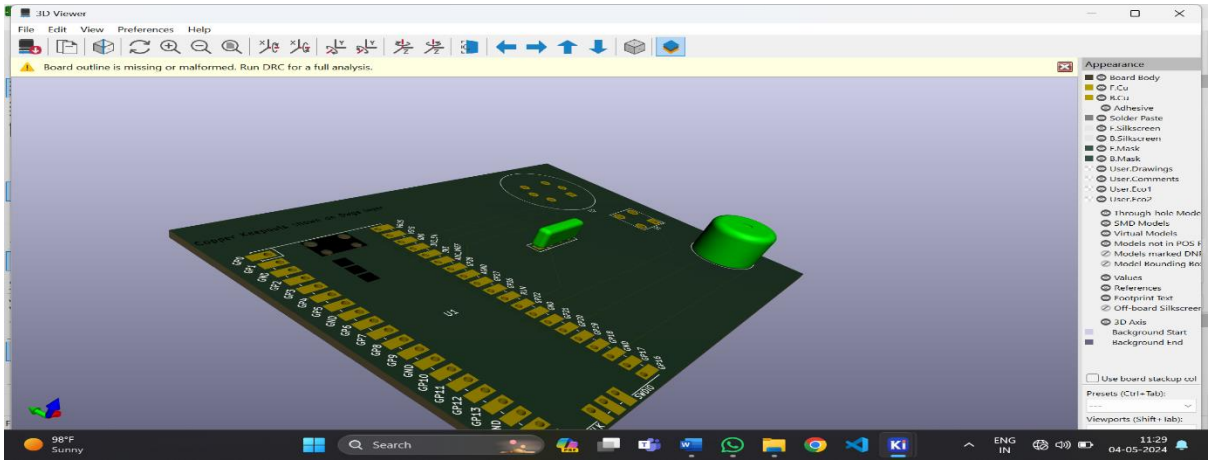
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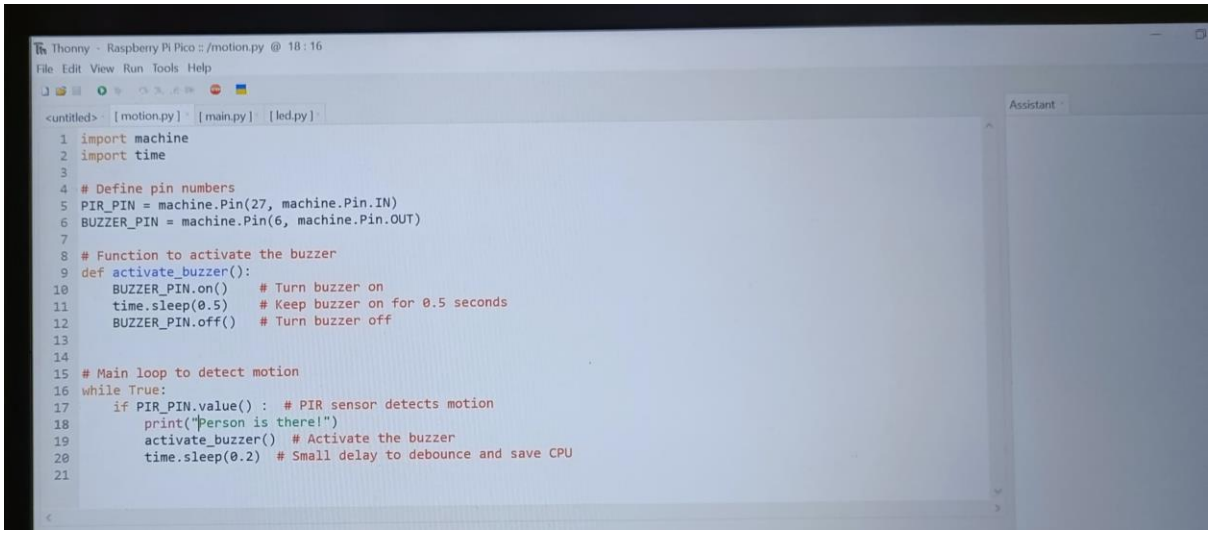
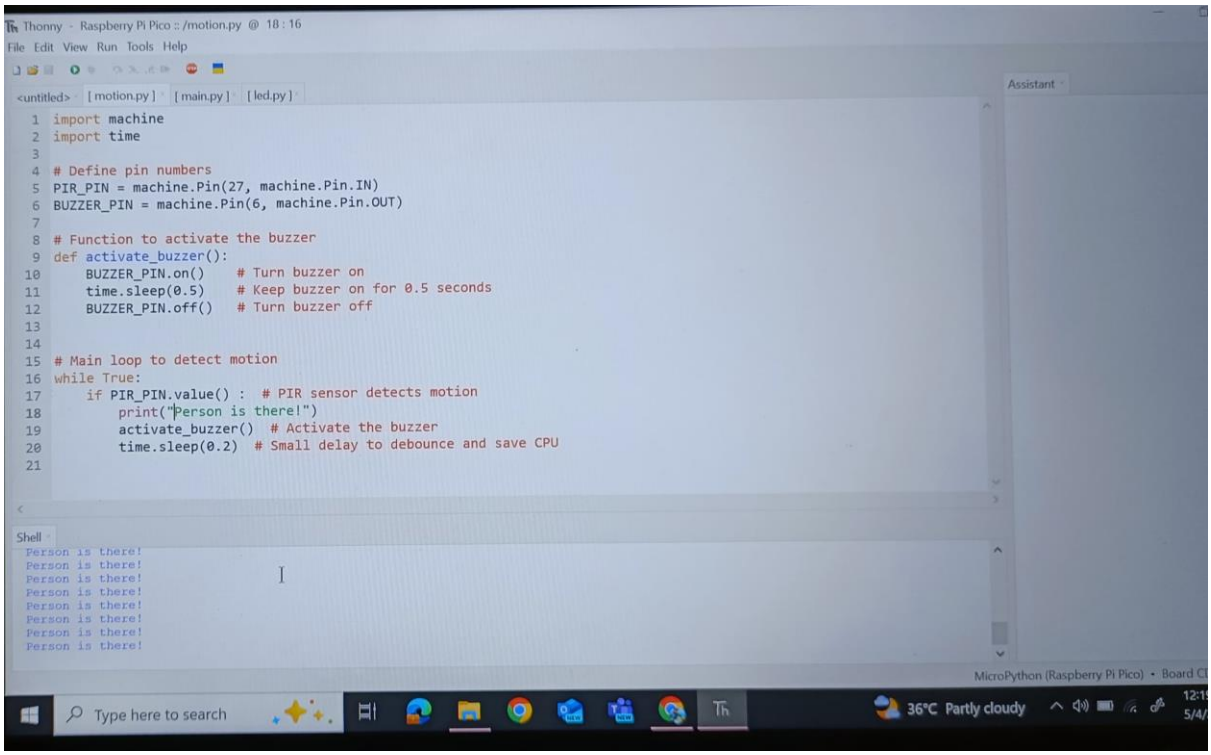

Thonny - Raspberry Pi Pico :: /motion.py @ 18 : 16
File Edit View Run Tools Help
<untitled> [motion.py] [main.py] [led.py]
Assistant
1 import machine
2 import time
3
4 # Define pin numbers
5 PIR_PIN = machine.Pin(27, machine.Pin.IN)
6 BUZZER_PIN = machine.Pin(6, machine.Pin.OUT)
7
8 # Function to activate the buzzer
9 def activate_buzzer():
10 BUZZER_PIN.on() # Turn buzzer on
11 time.sleep(0.5) # Keep buzzer on for 0.5 seconds
12 BUZZER_PIN.off() # Turn buzzer off
13
14
15 # Main loop to detect motion
16 while True:
17 if PIR_PIN.value() : # PIR sensor detects motion
18 print("Person is there!")
19 activate_buzzer() # Activate the buzzer
20 time.sleep(0.2) # Small delay to debounce and save CPU
21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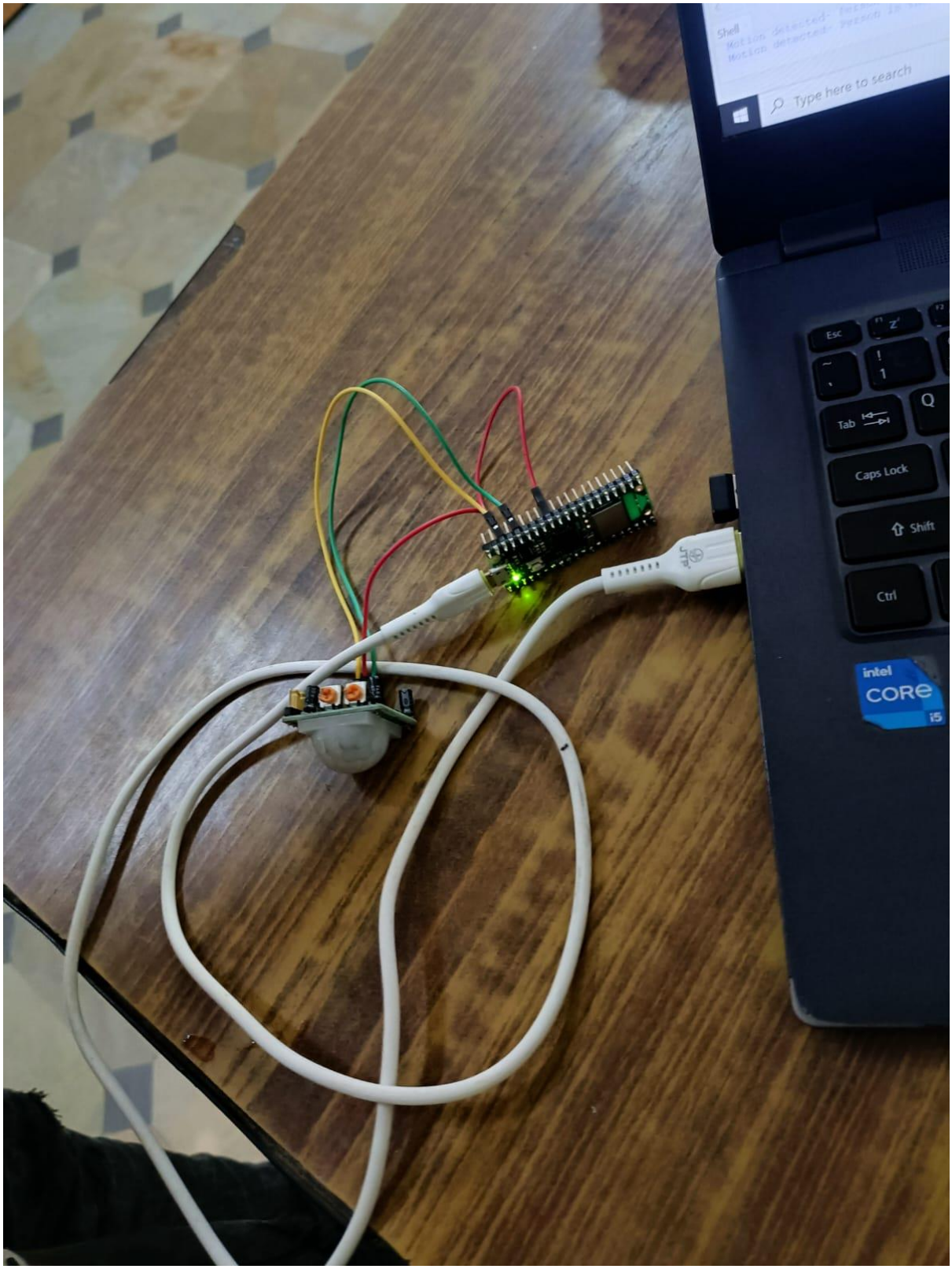
Shell
Person is there!
Person is there!
Person is there!
Person is there!
Person is there!
Person is there!
Person is there!
Person is there!
MicroPython (Raspberry Pi Pico)
Type here to search
36°C Partly cloudy


Shell
Motion detected
Motion detected
Type here to search
Esc
Tab
Caps Lock
Shift
Ctrl
intel
CORE
i5