PIR MOTION DETECTION SYSTEM USING RASPBERRY PI PICO W

GROUP MEMBERS:

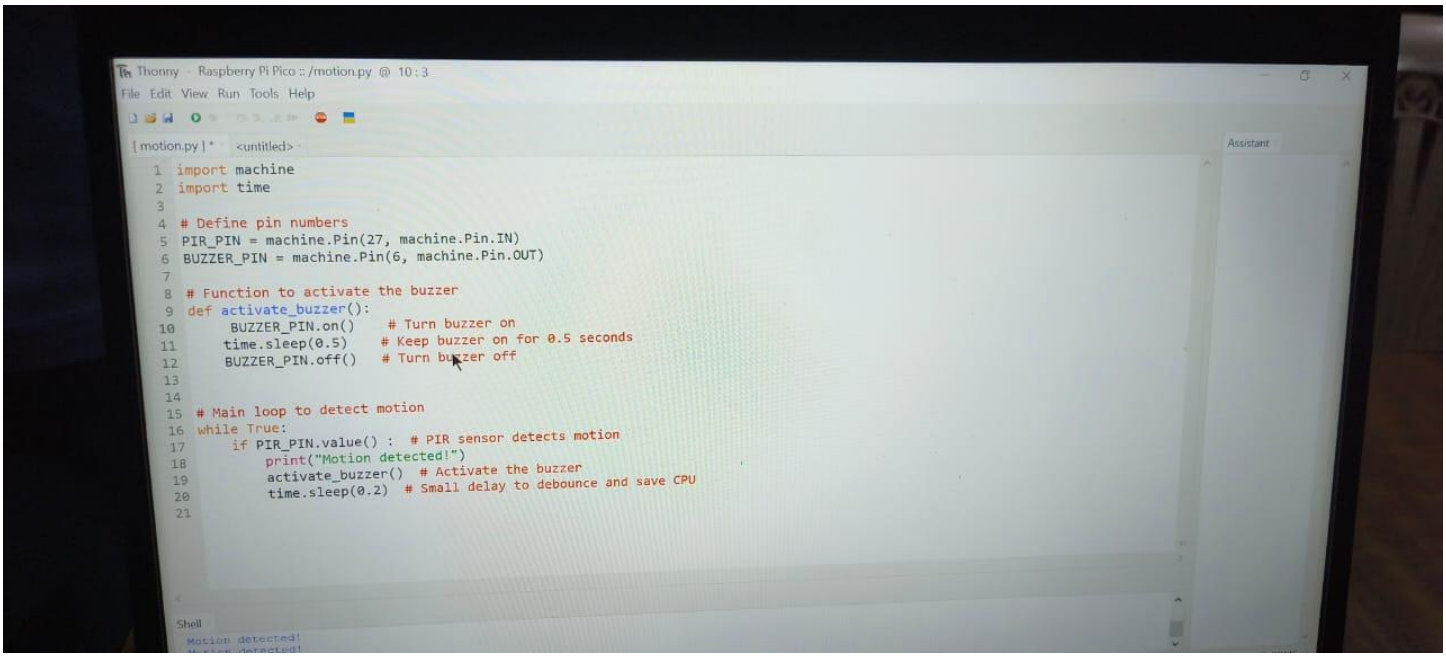
21781A04E5-PATTEM DILLI

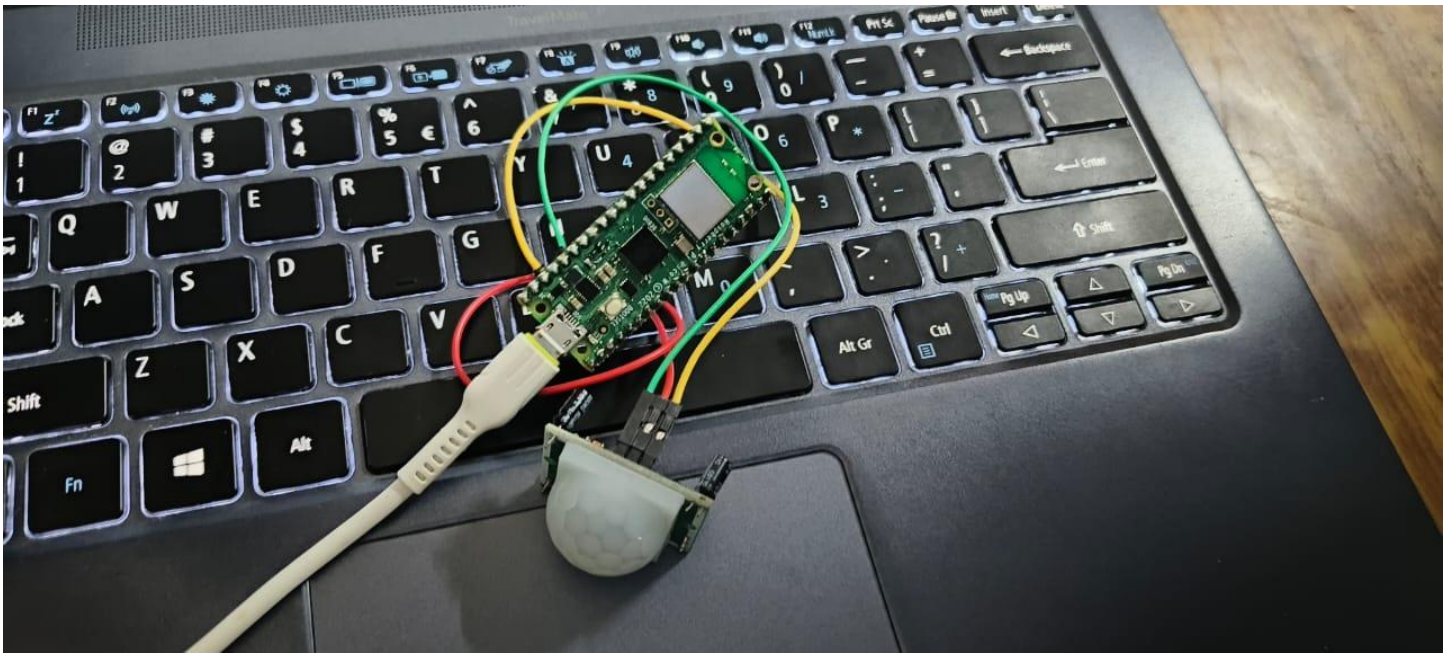
21781A04E9-P. NANDA KUMAR

21781A04F6-R. SURYA PRAKASH

21781A04G3-S. RAHUL

21781A04G4-S. DHANUSH BABU

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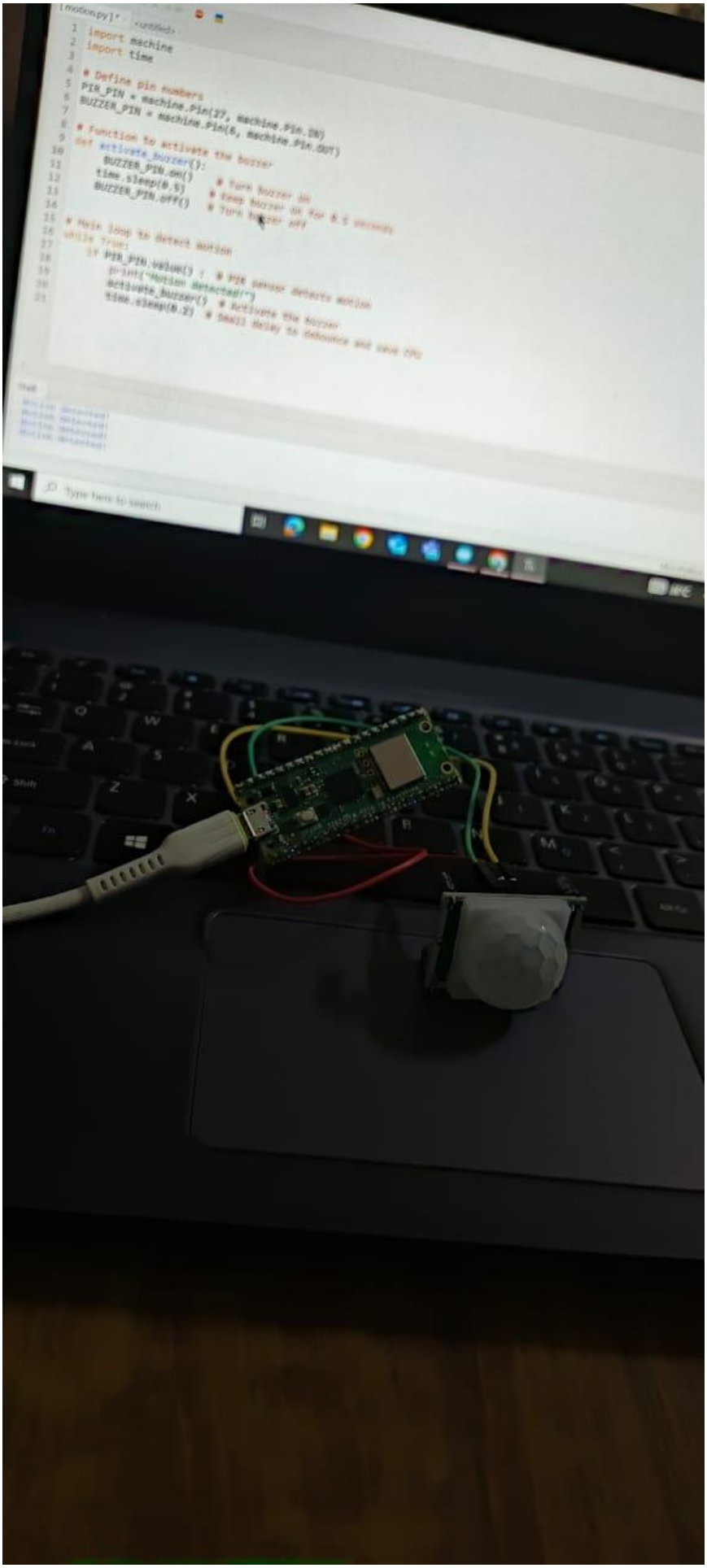
import machine
import time
# Define pin numbers
PIR_PIN = machine.Pin(27, machine.Pin.IN)
BUZZER_PIN = machine.Pin(6, machine.Pin.OUT)
# Function to activate the buzzer
def activate_buzzer():
BUZZER_PIN.on()
time.sleep(0.5)
BUZZER_PIN.off()
# Main loop to detect motion
while True:
if PIR_PIN.value() :
print("Motion detected!")
activate_buzzer()
time.sleep(0.2)