#Set the threshold values for temperature and humidity

TEMP_THRESHOLD = 85 # degrees Celsius

HUMIDITY_THRESHOLD = 45 # percent

Generate a random temperature value between 0 and 100 degrees Celsius

temperature = random(0, 100) print("Temperature:", temperature)

Generate a random humidity value between 0 and 100 percent

humidity = random(0, 100) print("Humidity:", humidity)

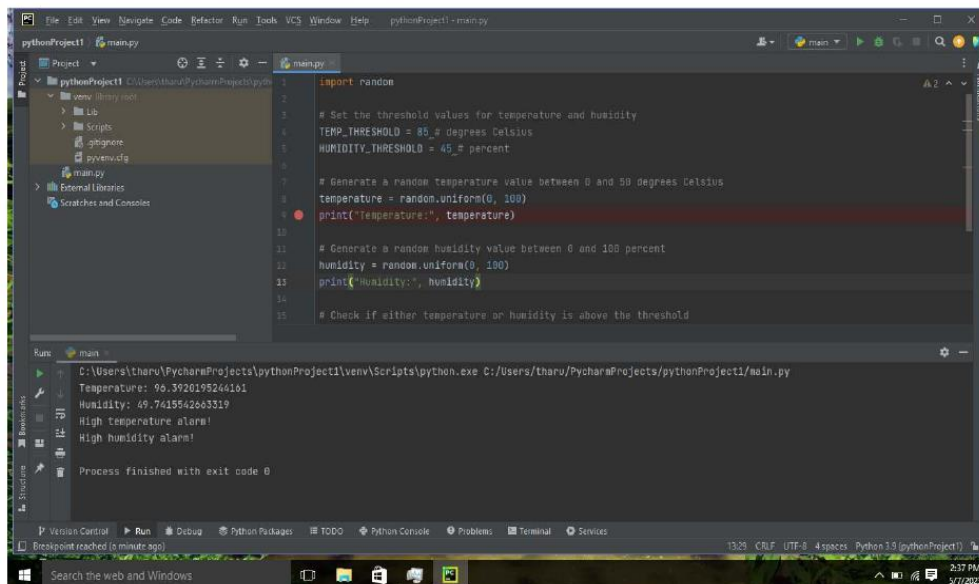Check if either temperature or humidity is above the threshold

if temperature > TEMP_THRESHOLD:

    print("High temperature alarm!")

if humidity > HUMIDITY_THRESHOLD:

    print("High humidity alarm!")

OUTPUT: