

server.py ssignal.py import

```
1 from PIL import Image
2 import pytesseract
3 import os
4
5 pytesseract.pytesseract.tesseract_cmd = r'C:\Program Files\Tesseract-OCR\tesseract.exe'
6
7 image = Image.open(r"C:\Users\karth\Downloads\image.jpg")
8 extracted_text = pytesseract.image_to_string(image)
9
10 with open('extracted_text.txt', 'w') as text_file:
11     text_file.write(extracted_text)
12
13 print("Extracted Text:\n")
14 print(extracted_text)
15 print("\nText has been saved to 'extracted_text.txt'")
16
17 os.startfile('extracted_text.txt')
```

extracted_text.txt

File Edit View

This is a lot of 12 point text to test the ocr code and see if it works on all types of file format.

The quick brown dog jumped over the lazy fox. The quick brown dog jumped over the lazy fox. The quick brown dog jumped over the lazy fox. The quick brown dog jumped over the lazy fox.

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

of file format.

The quick brown dog jumped over the lazy fox. The quick brown dog jumped over the lazy fox. The quick brown dog jumped over the lazy fox. The quick brown dog jumped over the lazy fox.

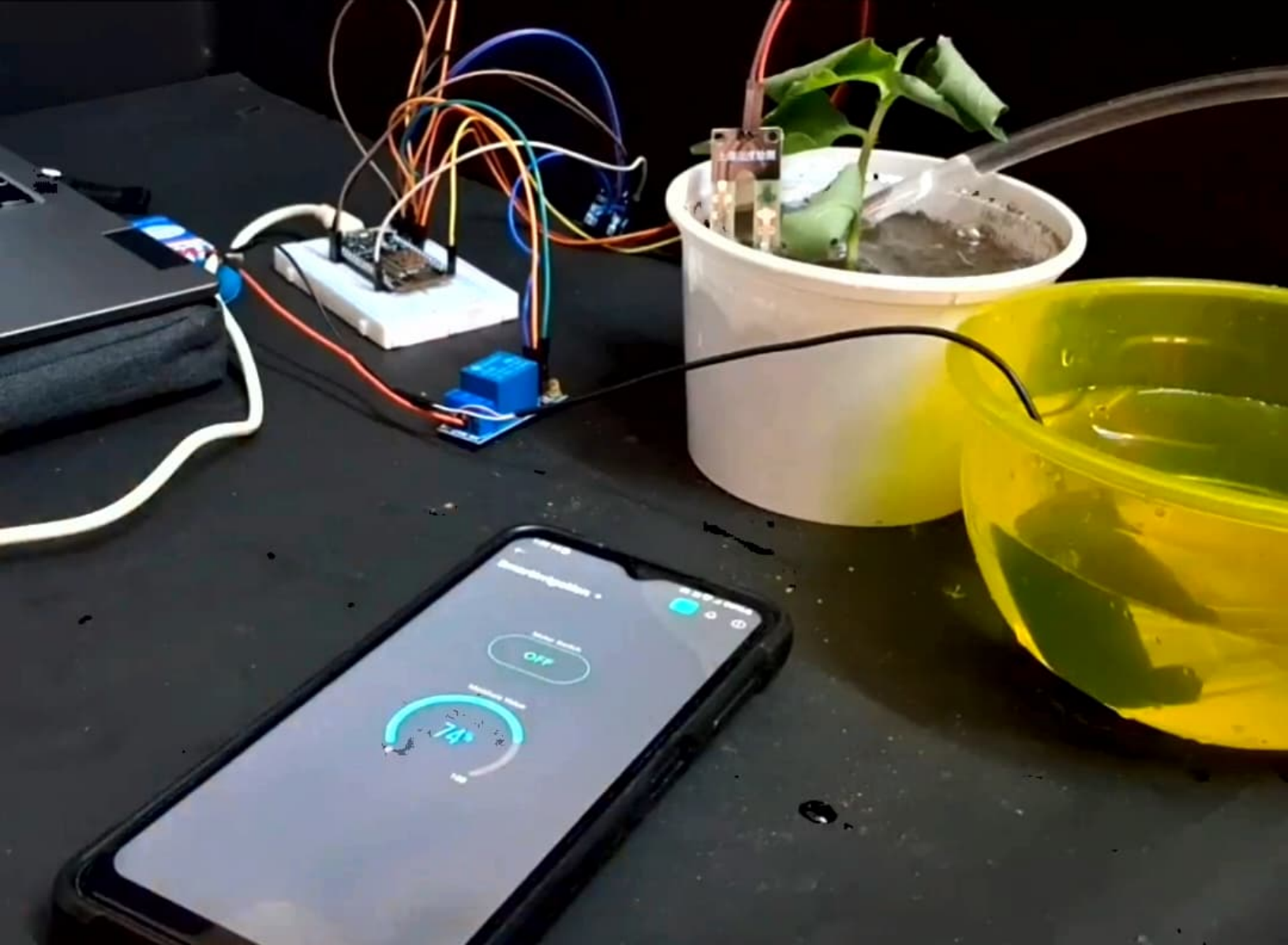
Text has been saved to 'extracted_text.txt'
PS C:\Users\karth>

Ln 1, Col 1 286 characters

100%

Windows (CRLF)

UTF-8



C:\Users\karth\Downloads> library management.py > ...

```
143     if n==1:
144         sno=input("Enter the s.no of the book:")
145         cr.execute("SELECT * FROM CIRCBR WHERE SNO=?", (sno))
146         a=cr.fetchall()
147         print("Borrowed Details:")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Code + -

PS C:\Users\karth\Downloads> python -u "c:\Users\karth\Downloads\library management.py"

-----LIBRARY MANAGEMENT SYSTEM-----

Enter the action : 1. Book Details | 2. Manage Library | 3. CheckOut/CheckIN | 4. Checkout Data | 5. Journals | 6. Book Status | 7. Exit

1

Enter key to carry the operation using : 1. S.no | 2. Title | 3. Author

1

Enter Book's Serial Number:LB1001

S.NO: LB1001

Title: ELEMENTS OF ELECTROMAGNETICS

Author: SADIKU

Quantity: 8

Journal: EE

-----LIBRARY MANAGEMENT SYSTEM-----

Enter the action : 1. Book Details | 2. Manage Library | 3. CheckOut/CheckIN | 4. Checkout Data | 5. Journals | 6. Book Status | 7. Exit

3

Enter the operation to continue: 1. CheckOut | 2. CheckIn

2

Enter the serial number of the Book:LB1001

Enter the Reg no of the student:839

Enter the borrowed date as dd-mm-yyyy:05-05-2024

-----LIBRARY MANAGEMENT SYSTEM-----

Enter the action : 1. Book Details | 2. Manage Library | 3. CheckOut/CheckIN | 4. Checkout Data | 5. Journals | 6. Book Status | 7. Exit

1

Enter key to carry the operation using : 1. S.no | 2. Title | 3. Author

1

Enter Book's Serial Number:LB1001

S.NO: LB1001

Title: ELEMENTS OF ELECTROMAGNETICS

Author: SADIKU

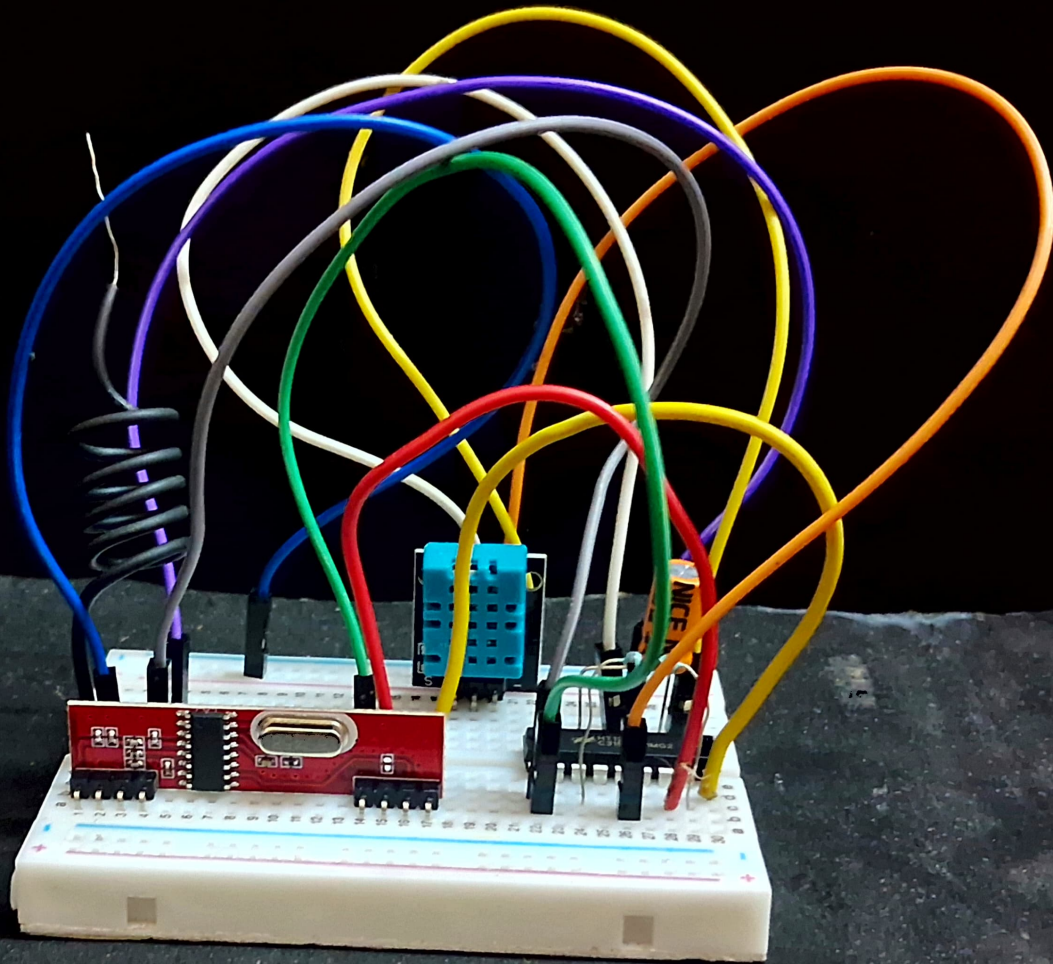
Quantity: 9

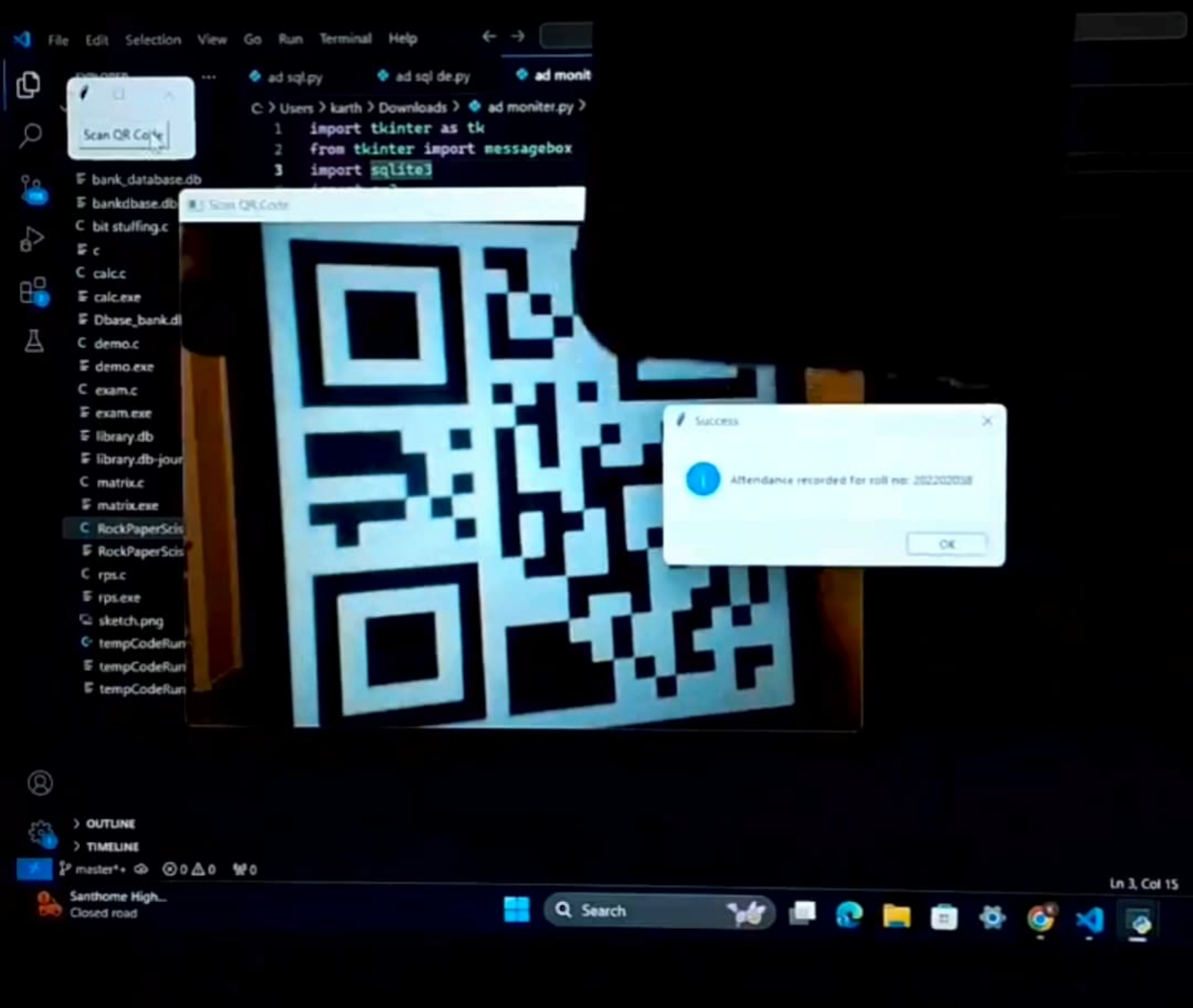
Journal: EE

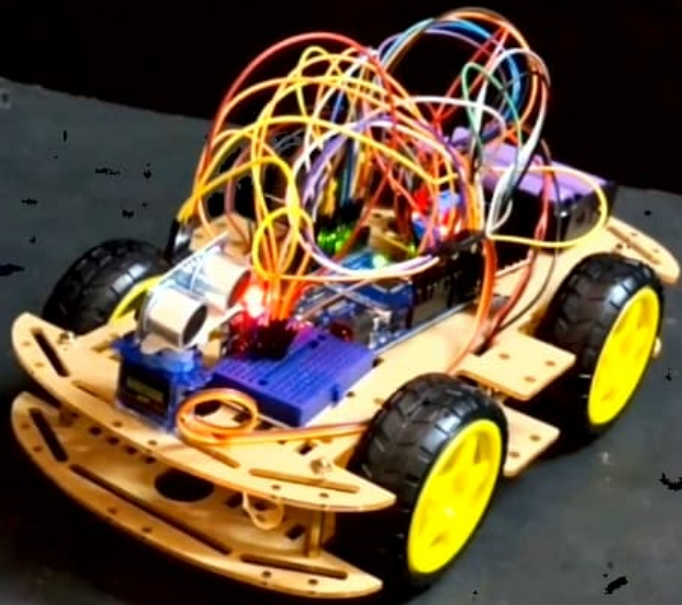
-----LIBRARY MANAGEMENT SYSTEM-----

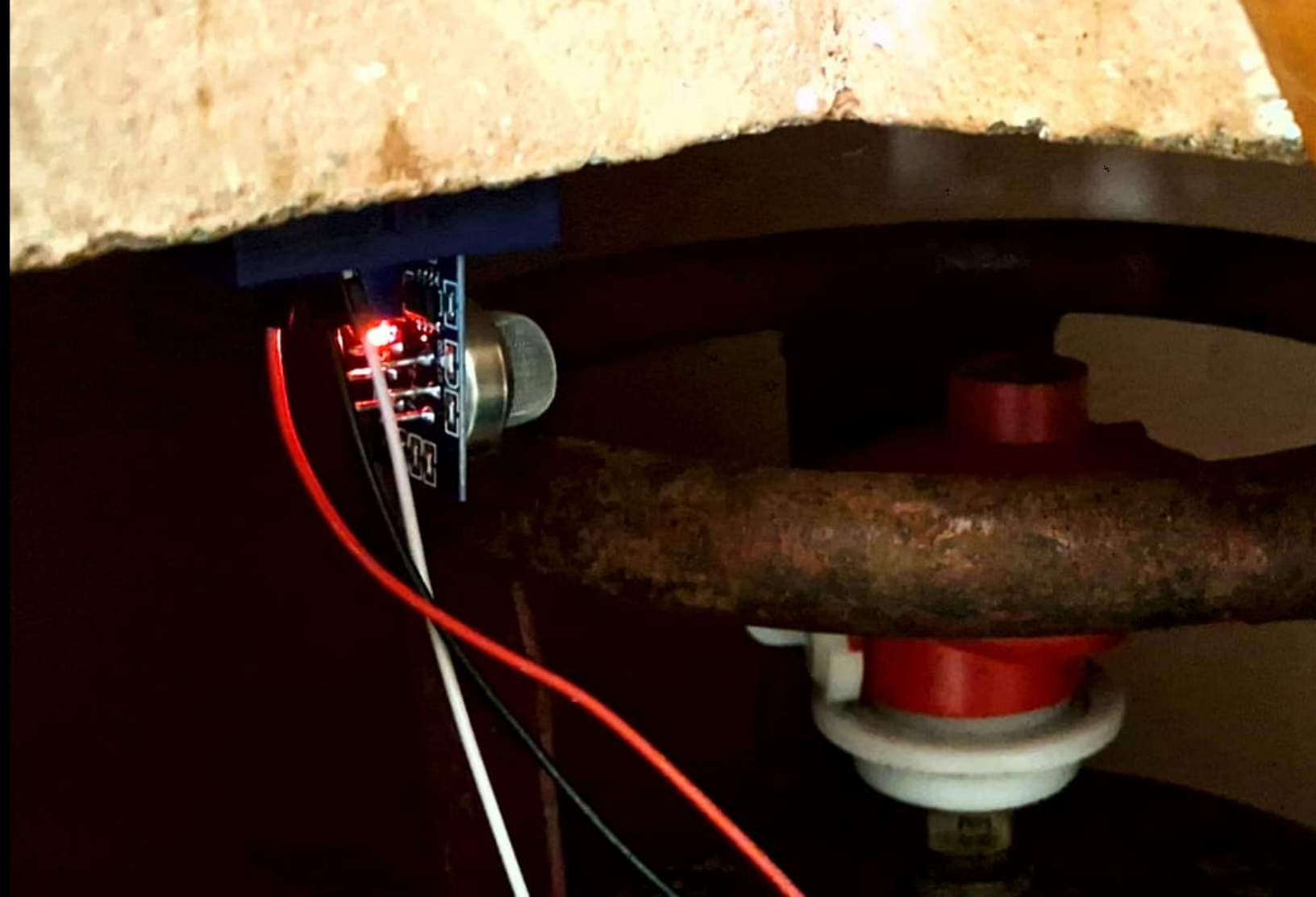
Enter the action : 1. Book Details | 2. Manage Library | 3. CheckOut/CheckIN | 4. Checkout Data | 5. Journals | 6. Book Status | 7. Exit

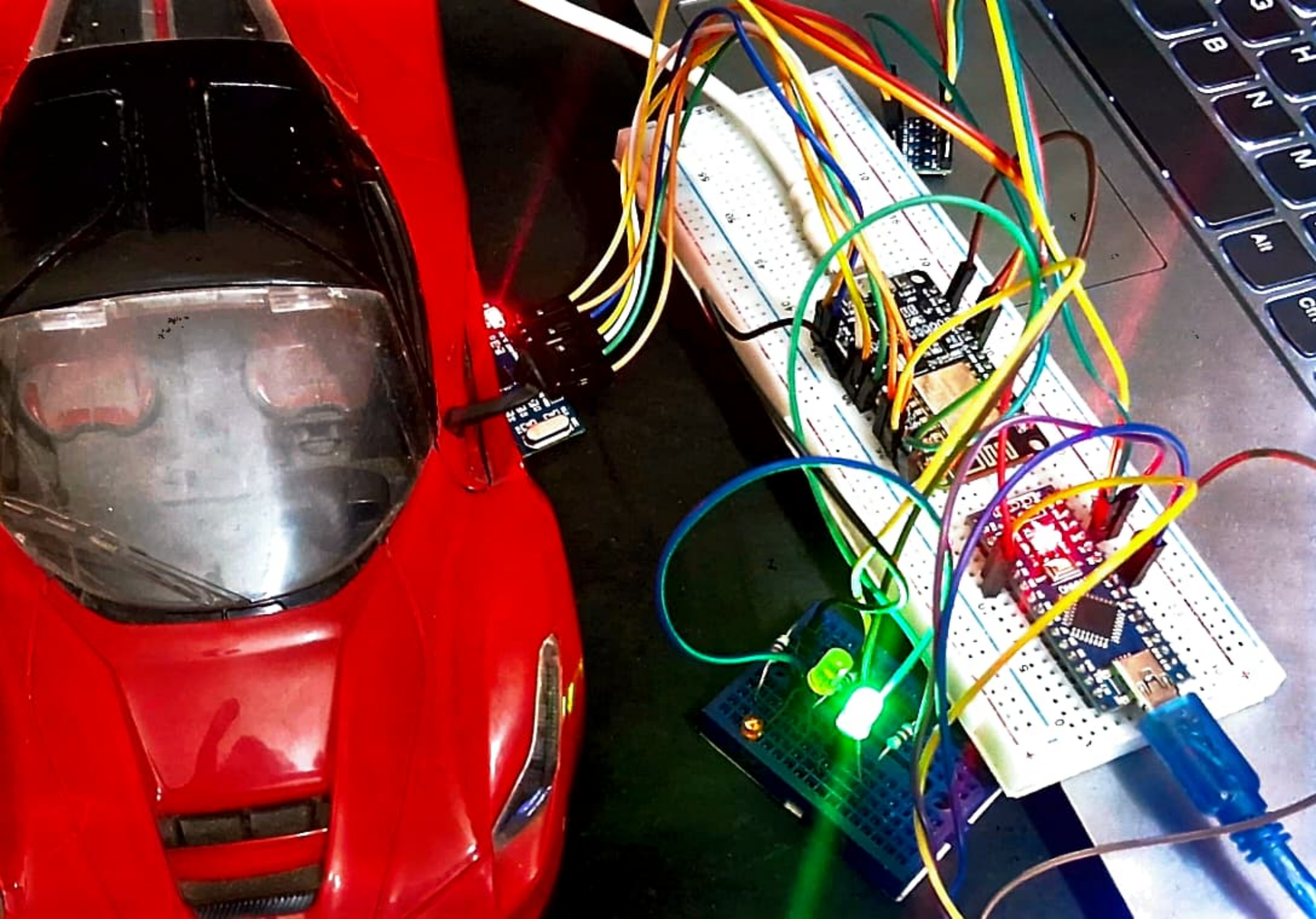
■

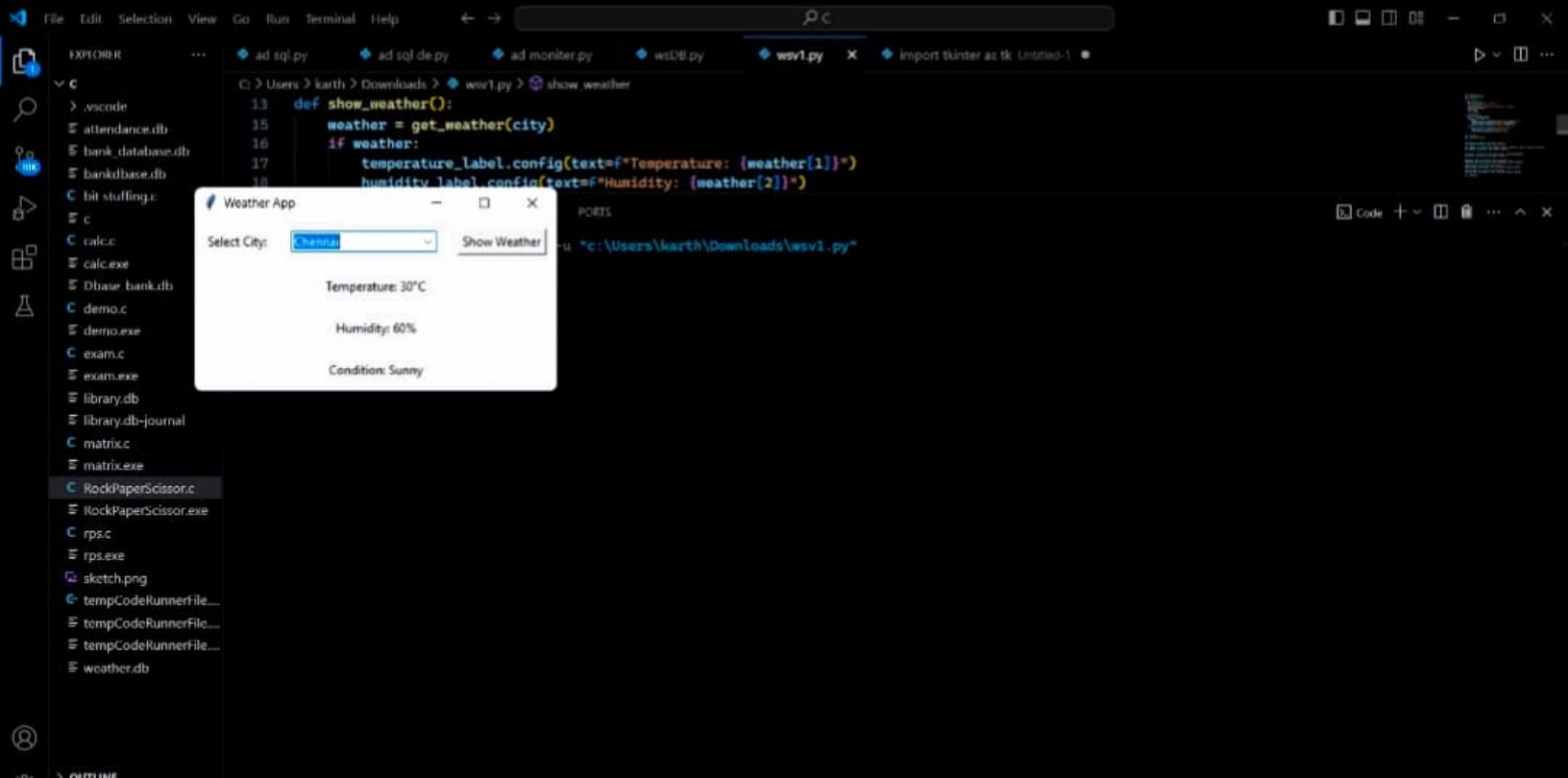




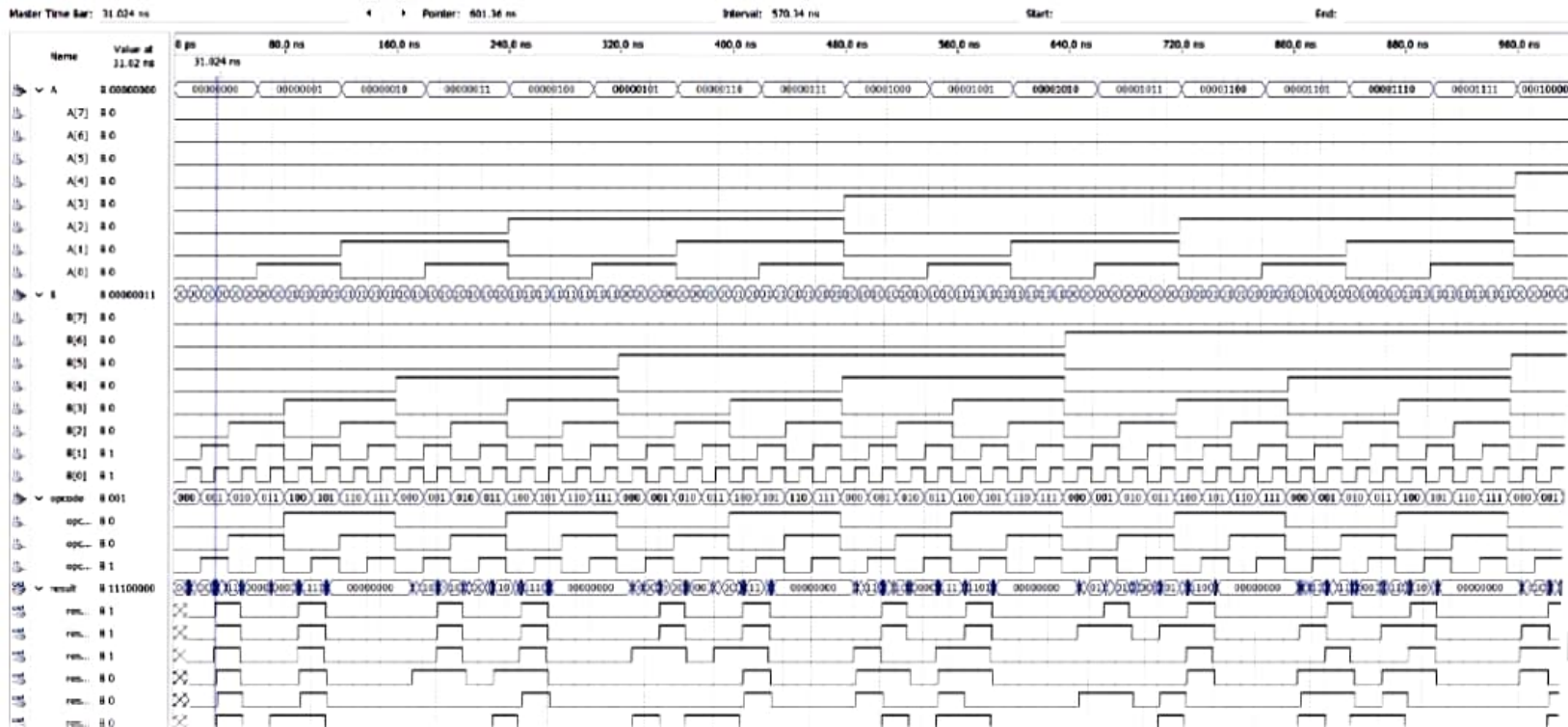












input image

```
C: > Users > karth > Downloads > leafdis.py
1 import cv2
2 import numpy as np
3 image = cv2.imread(r"C:\Us
4
5
```

PROBLEMS OUTPUT DEBUG CONSOLE

PS C:\Users\karth\Downloads\> py

```
Green pixels: 11602
Brown pixels: 21277
Yellow pixels: 113355
Red pixels: 0
White pixels 158
Total pixels: 921600
92
```

---The leaf is infected---



