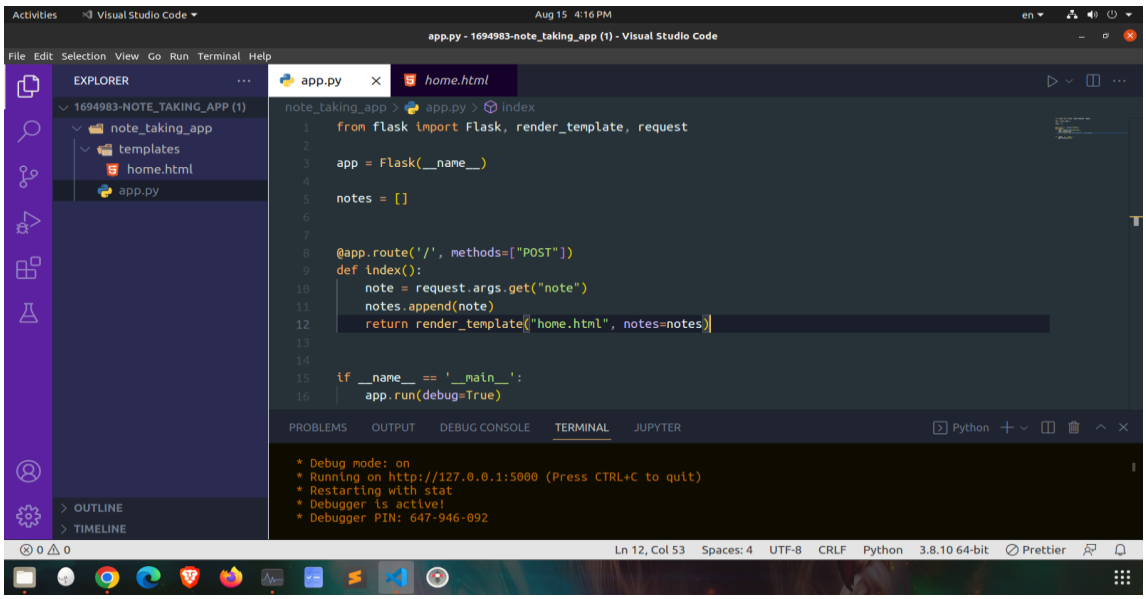
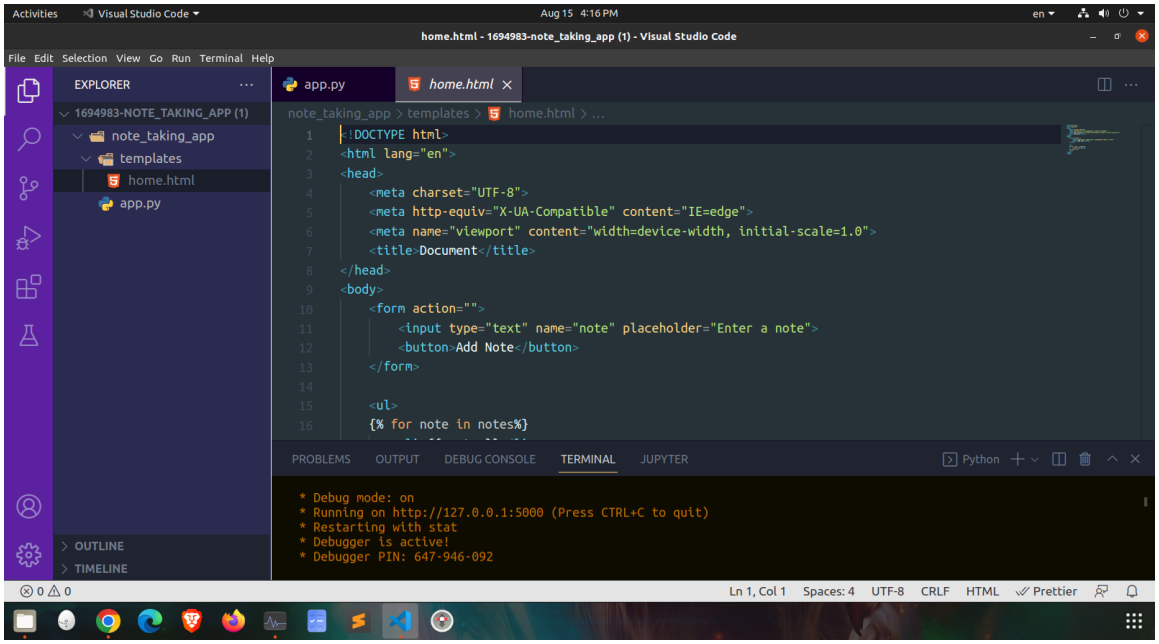
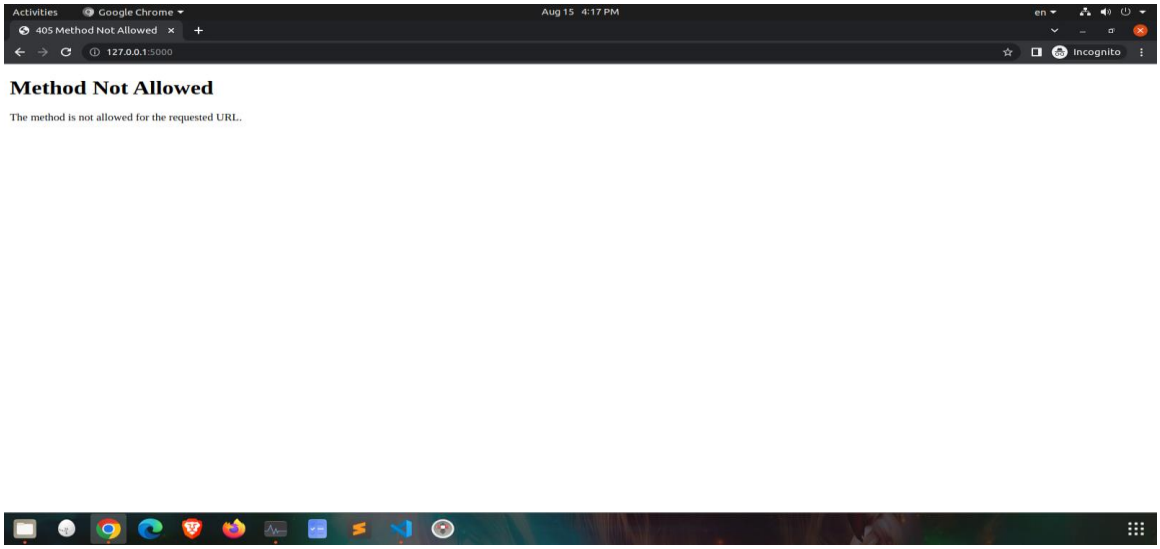
DEBUGGING THE CODE

STEP1: Running the given code in VScode and viewing the application in Browser.[localhost:127.0.0.1.5000]







As we see there is an issue in executing the code, now we will find bug in the given code.

STEP2: Finding the bug

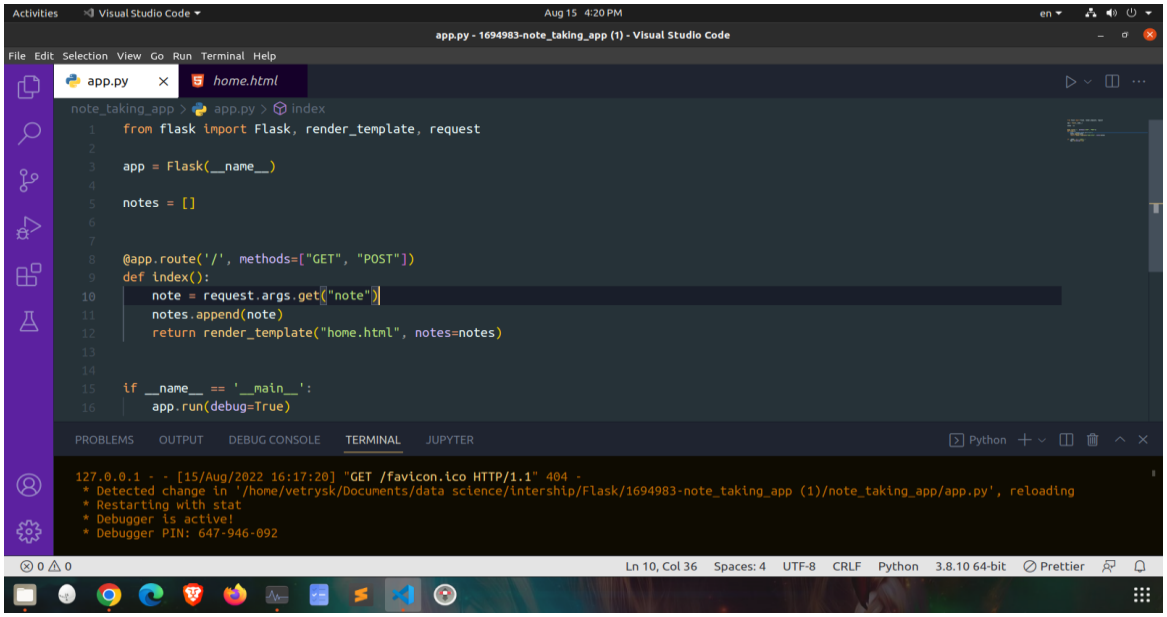
In app.py file, we can see that there is ‘post’ method mentioned in binding the function code, but while capturing data get request’s capturing code is mentioned like:

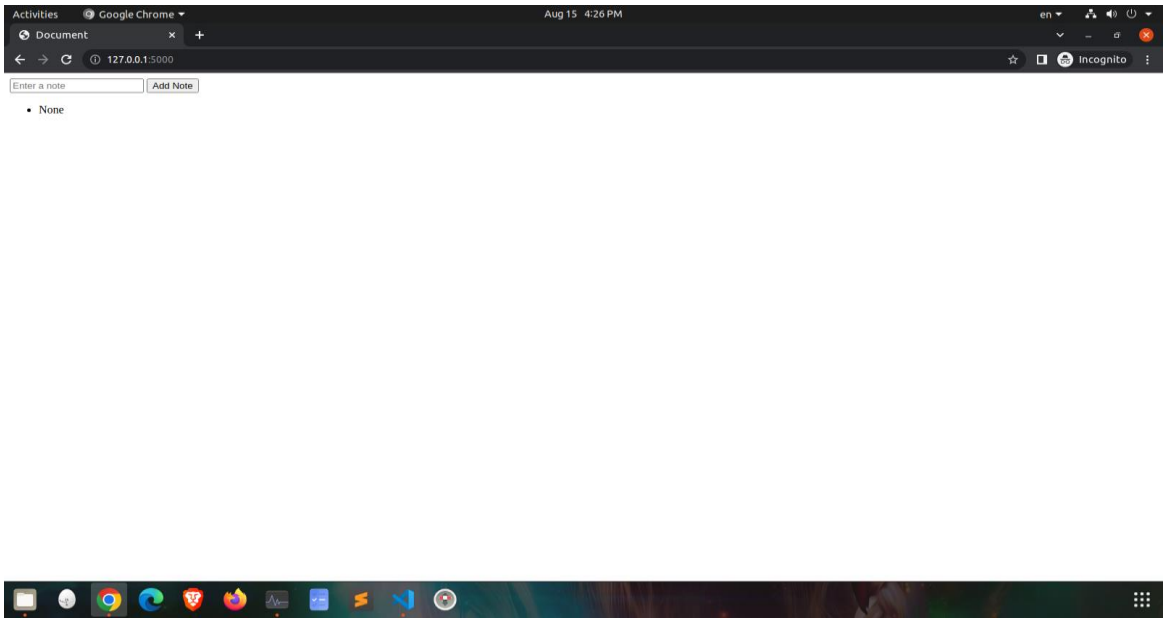
```
@app.route(‘/’, methods=["POST”])
note = request.args.get(“note”)
```

Now, we need to fix bug by mentioning like:

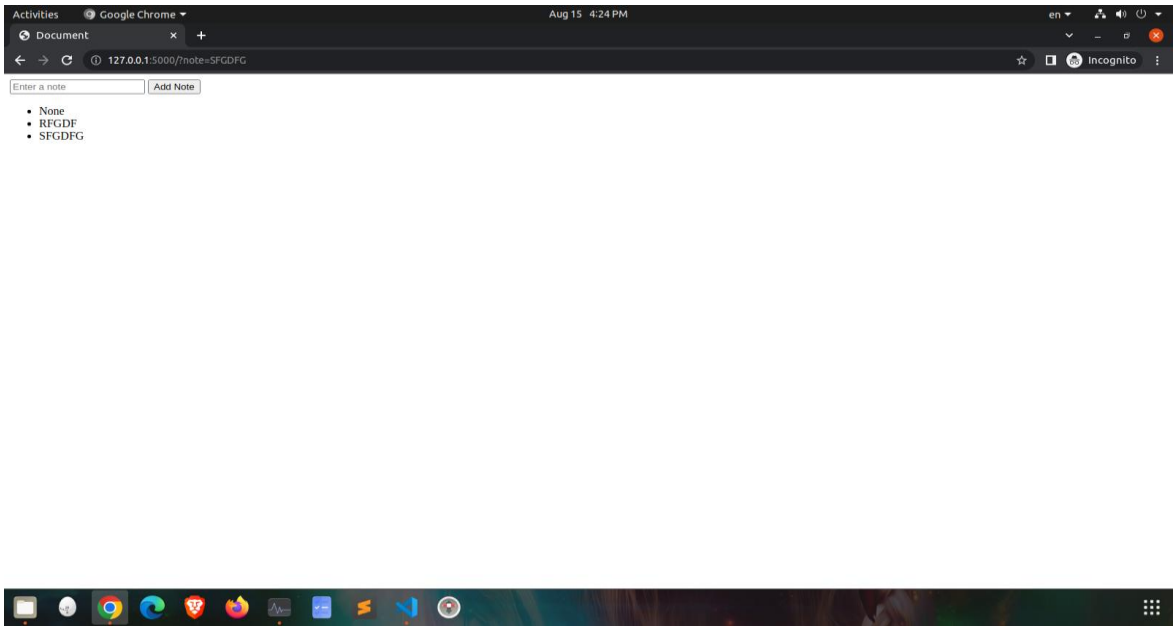
```
@app.route(‘/’, methods=["GET”,”POST”])
```

Now, will run the code.





1. As we see code is running successfully, but there is an issue automatically “None” note point is displayed.

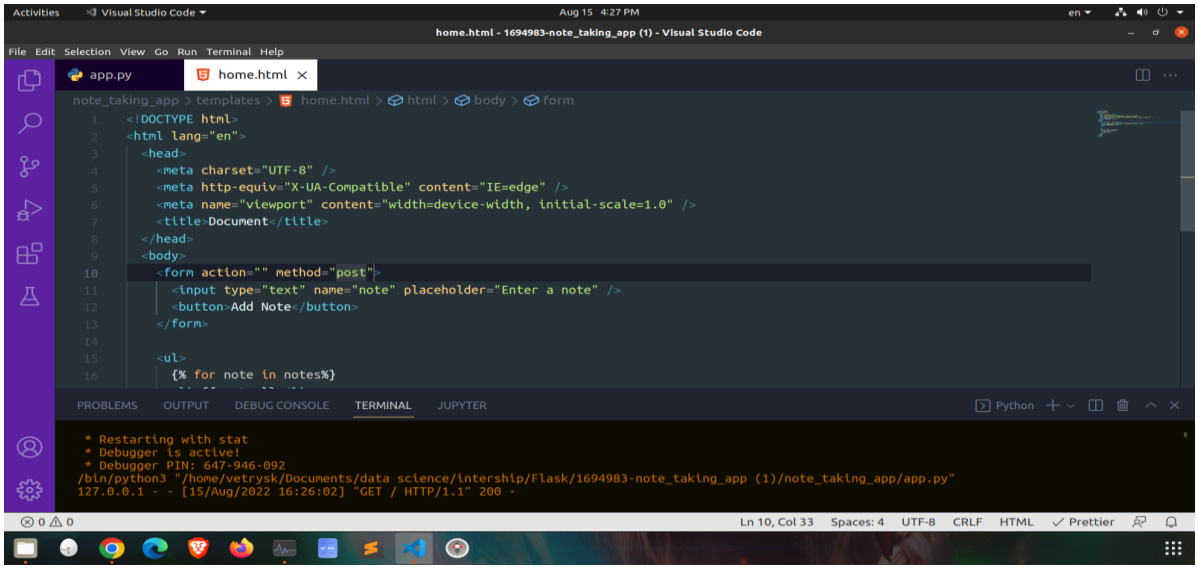


2. We can see that entered note is successfully displayed as unordered list below the text field on the same page. But we can see that post request is not called, instead get request is called.

STEP3: Fixing the bug

1. To execute post request, mention post method in html.

<form action=”” method=’’post’’>



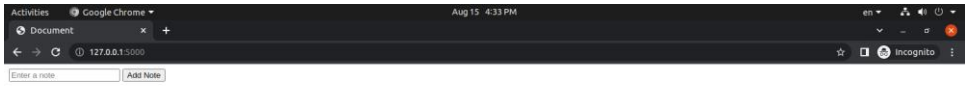
2.We need to mention request for both get and post, and we should capture data in post request, also add return code for both requests as: If request.method == “POST”:

note = request.form.get(‘note’)

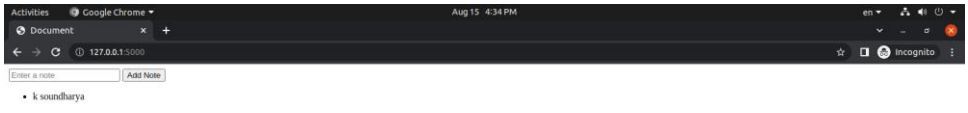
return render_template(“home.html”)

And add print to see code is debugged: print(notes)

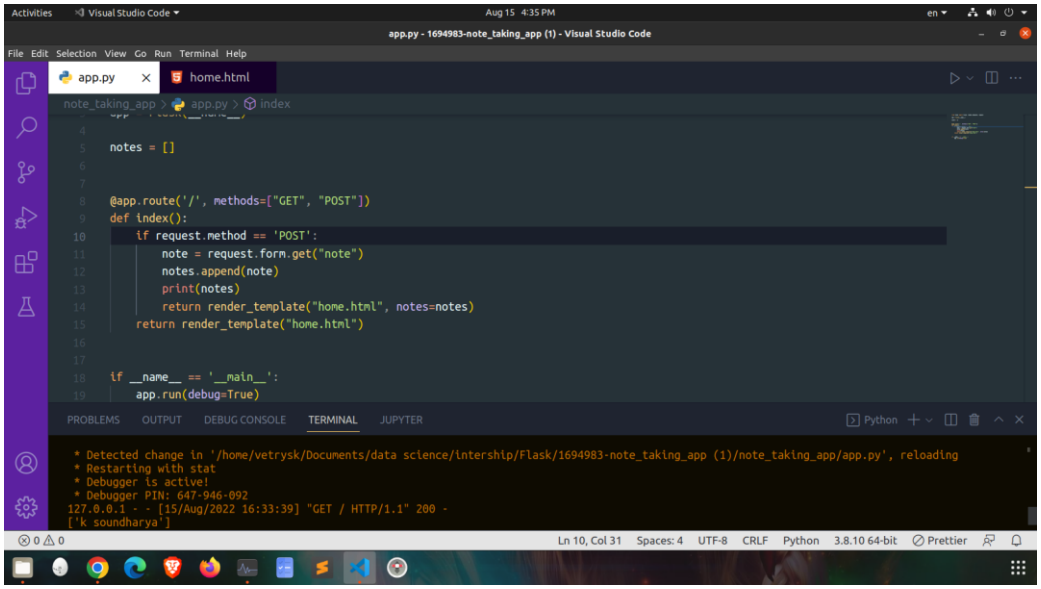
STEP4: Checking if all bug is debugged by running the code.



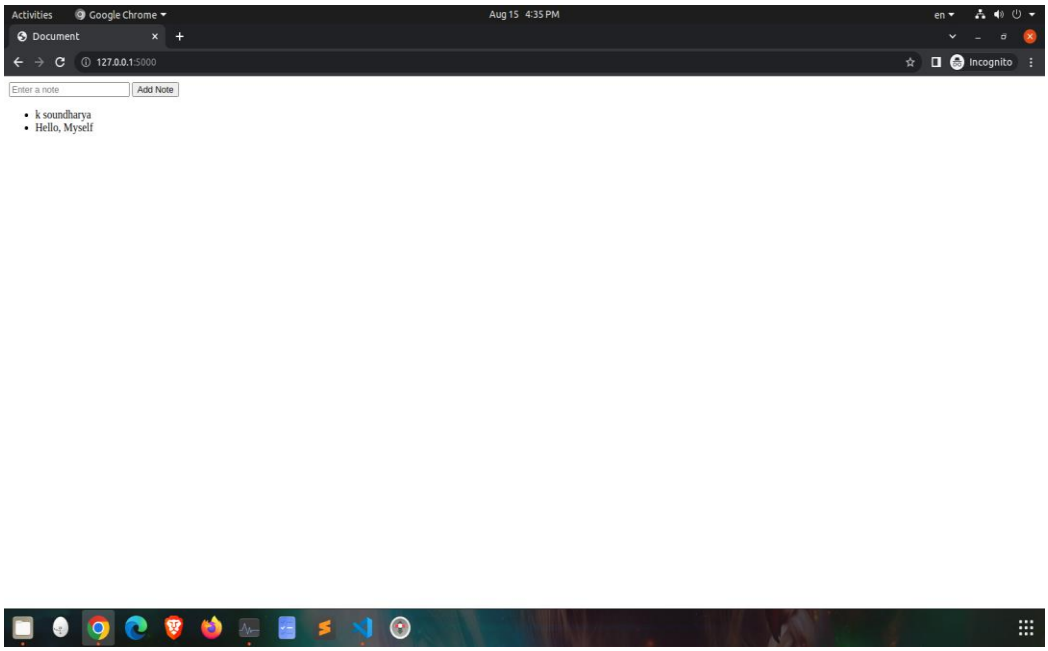
We can see that code is perfectly executed.



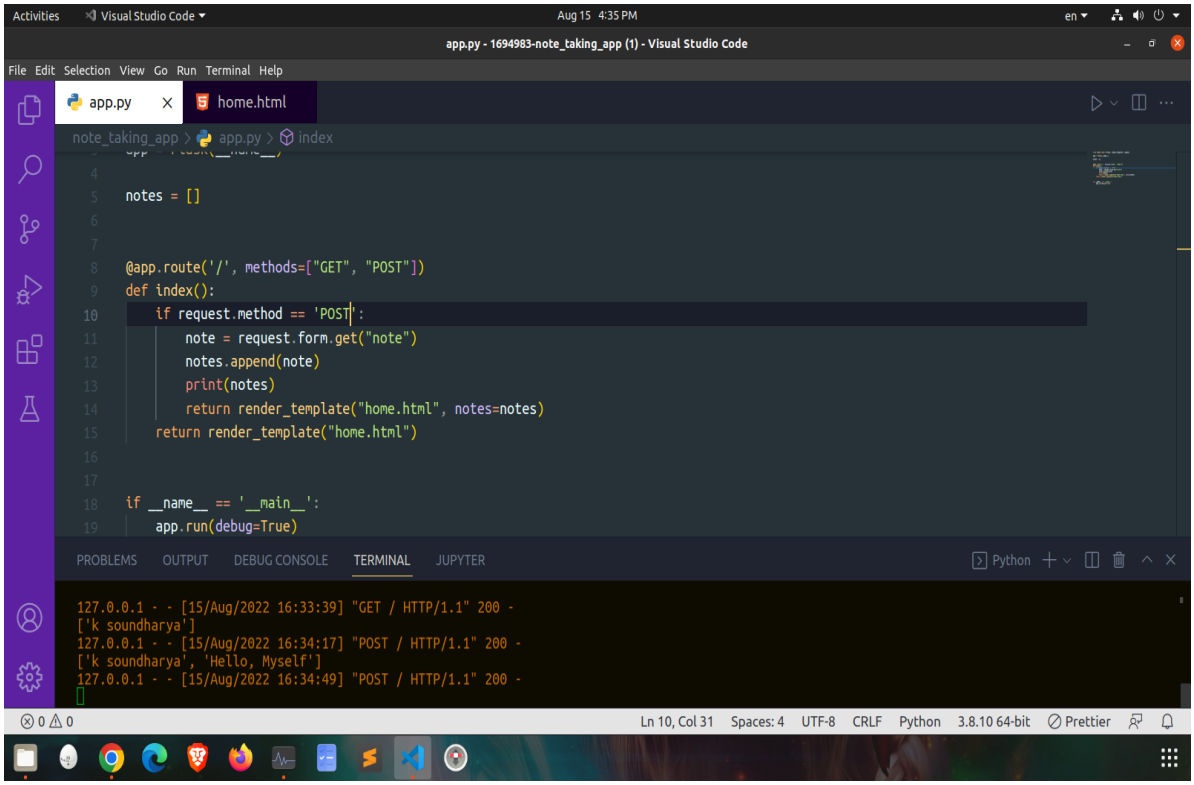
We can see that note is displayed as unordered list, successfully.



We can see in terminal the note entered is printed.



We can see notes is displayed in unordered list.



We can see all notes entered are printed.

Now, finally we can say all the bugs in application is resolved and successfully debugged the code.