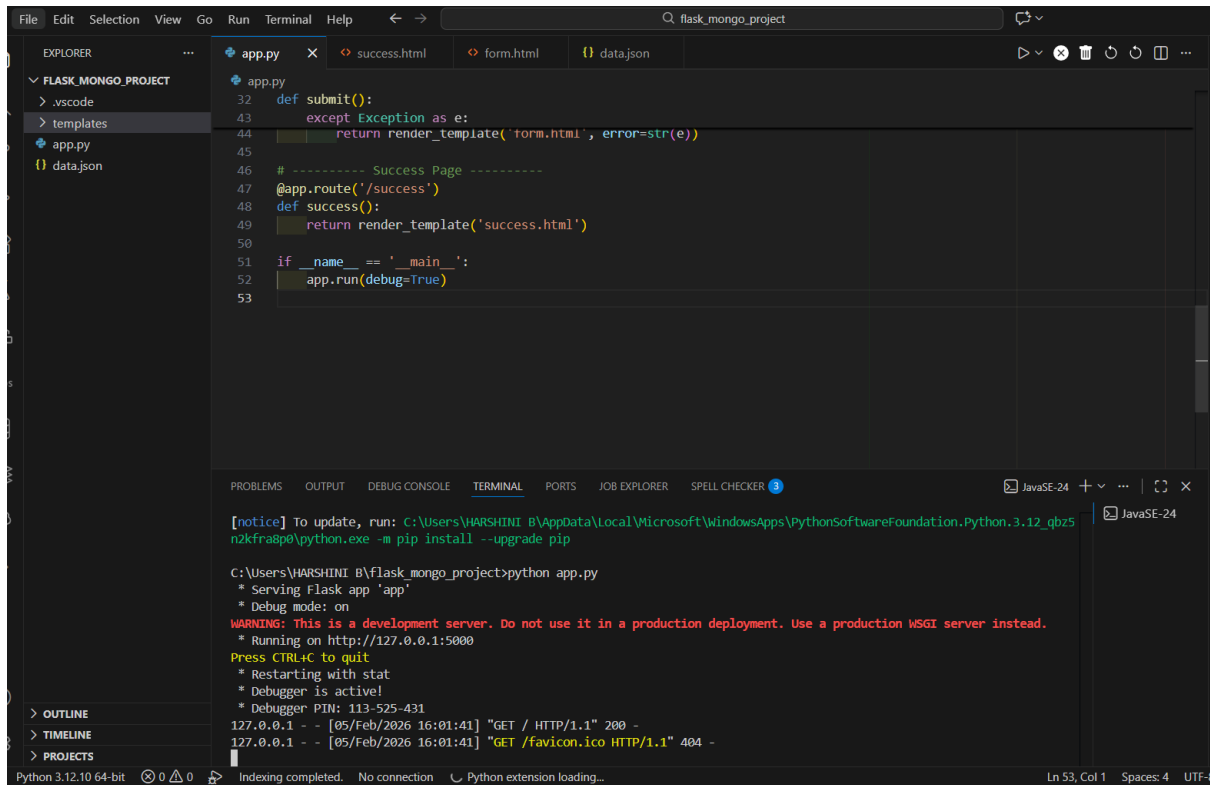


1. Create a Flask application with an /api route. When this route is accessed, it should return a JSON list. The data should be stored in a backend file, read from it, and sent as a response.



```
File Edit Selection View Go Run Terminal Help
flask_mongo_project

EXPLORER
FLASK_MONGO_PROJECT
  .vscode
  templates
  app.py
  data.json

app.py
32 def submit():
33     except Exception as e:
34         return render_template('form.html', error=str(e))
35
36 # ----- Success Page -----
37 @app.route('/success')
38 def success():
39     return render_template('success.html')
40
41 if __name__ == '__main__':
42     app.run(debug=True)
43
44
45
46
47
48
49
50
51
52
53

TERMINAL
[notice] To update, run: C:\Users\HARSHINI B\AppData\Local\Microsoft\WindowsApps\PythonSoftwareFoundation.Python.3.12_qbz5n2kfra8p0\python.exe -m pip install --upgrade pip
C:\Users\HARSHINI B\flask_mongo_project>python app.py
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 113-525-431
127.0.0.1 - - [05/Feb/2026 16:01:41] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [05/Feb/2026 16:01:41] "GET /favicon.ico HTTP/1.1" 404 -
```

2. Create a form on the frontend that, when submitted, inserts data into MongoDB Atlas. Upon successful submission, the user should be redirected to another page displaying the message **"Data submitted successfully"**. If there's an error during submission, display the error on the same page without redirection.



Student Form

Name:

Course: