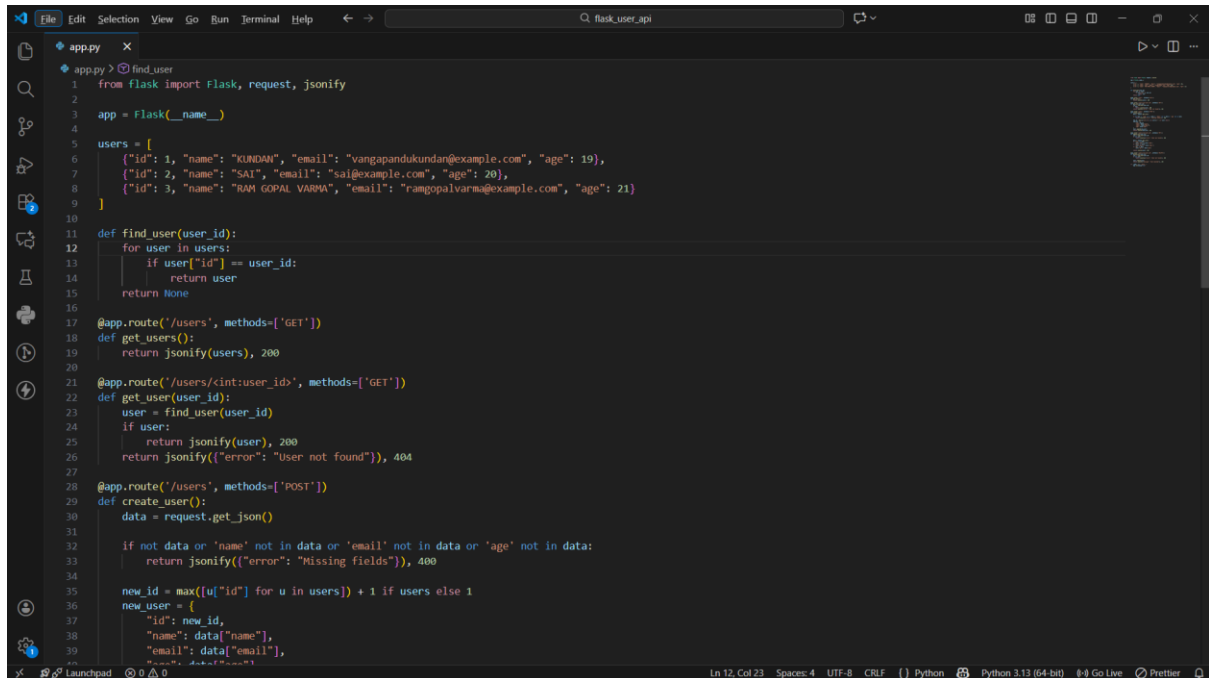
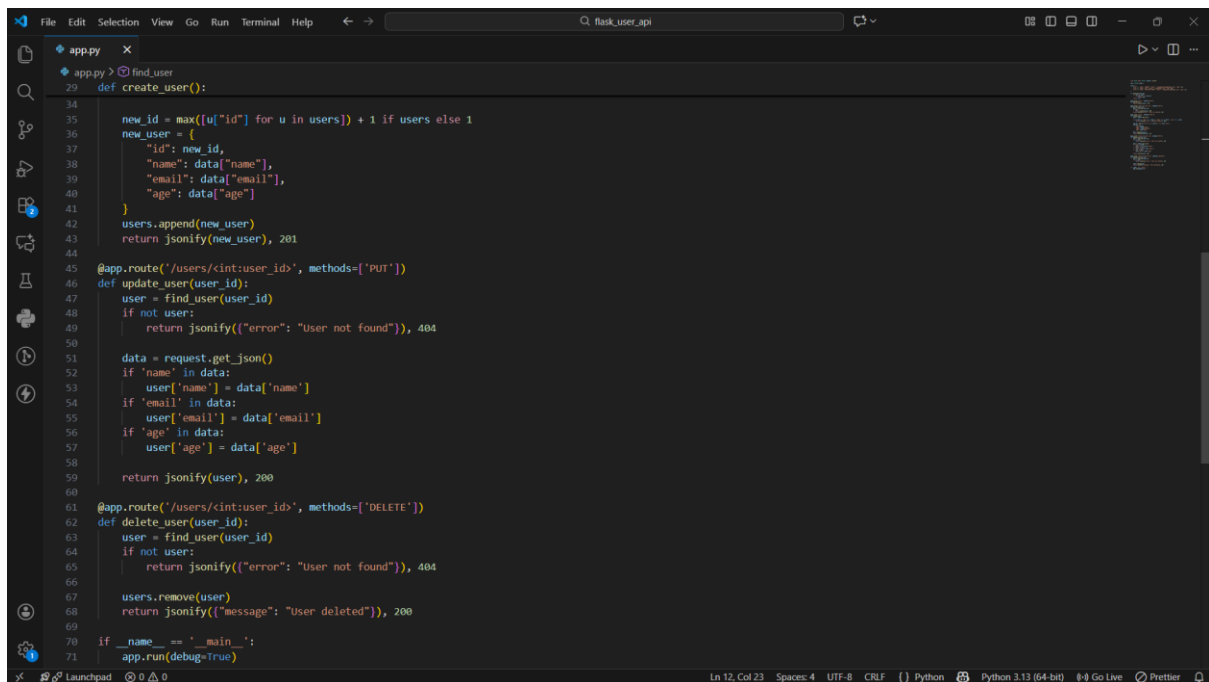


SCREENSHOTS



```
1 from flask import Flask, request, jsonify
2
3 app = Flask(__name__)
4
5 users = [
6     {"id": 1, "name": "KUNDAN", "email": "vangapandukundan@example.com", "age": 19},
7     {"id": 2, "name": "SAI", "email": "sai@example.com", "age": 20},
8     {"id": 3, "name": "RAM GOPAL VARMA", "email": "ramgopalvarma@example.com", "age": 21}
9 ]
10
11 def find_user(user_id):
12     for user in users:
13         if user["id"] == user_id:
14             return user
15     return None
16
17 @app.route('/users', methods=['GET'])
18 def get_users():
19     return jsonify(users), 200
20
21 @app.route('/users/<int:user_id>', methods=['GET'])
22 def get_user(user_id):
23     user = find_user(user_id)
24     if user:
25         return jsonify(user), 200
26     return jsonify({"error": "User not found"}), 404
27
28 @app.route('/users', methods=['POST'])
29 def create_user():
30     data = request.get_json()
31
32     if not data or 'name' not in data or 'email' not in data or 'age' not in data:
33         return jsonify({"error": "Missing fields"}), 400
34
35     new_id = max([u["id"] for u in users]) + 1 if users else 1
36     new_user = {
37         "id": new_id,
38         "name": data["name"],
39         "email": data["email"],
40         "age": data["age"]
41     }
42     users.append(new_user)
43     return jsonify(new_user), 201
```



```
44
45 @app.route('/users/<int:user_id>', methods=['PUT'])
46 def update_user(user_id):
47     user = find_user(user_id)
48     if not user:
49         return jsonify({"error": "User not found"}), 404
50
51     data = request.get_json()
52     if 'name' in data:
53         user['name'] = data['name']
54     if 'email' in data:
55         user['email'] = data['email']
56     if 'age' in data:
57         user['age'] = data['age']
58
59     return jsonify(user), 200
60
61 @app.route('/users/<int:user_id>', methods=['DELETE'])
62 def delete_user(user_id):
63     user = find_user(user_id)
64     if not user:
65         return jsonify({"error": "User not found"}), 404
66
67     users.remove(user)
68     return jsonify({"message": "User deleted"}), 200
69
70 if __name__ == '__main__':
71     app.run(debug=True)
```

TERMINAL 1

```
File Edit Selection View Go Run Terminal Help Q flask_user_api
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> pip install flask
Requirement already satisfied: flask in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (3.1.1)
Requirement already satisfied: blinker>=1.9.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (1.9.0)
Requirement already satisfied: click>=8.1.3 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (8.2.1)
Requirement already satisfied: itsdangerous>=2.2.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (2.2.0)
Requirement already satisfied: Jinja2>=3.1.2 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.6)
Requirement already satisfied: Werkzeug>=3.1.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.3)
Requirement already satisfied: colorama in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from click>=8.1.3->flask) (0.4.6)
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> python app.py
* Serving Flask app 'app'
* Debug mode: on
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> pip install flask
Requirement already satisfied: flask in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (3.1.1)
Requirement already satisfied: blinker>=1.9.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (1.9.0)
Requirement already satisfied: click>=8.1.3 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (8.2.1)
Requirement already satisfied: itsdangerous>=2.2.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (2.2.0)
Requirement already satisfied: Jinja2>=3.1.2 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.6)
Requirement already satisfied: Werkzeug>=3.1.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.3)
Requirement already satisfied: colorama in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from click>=8.1.3->flask) (0.4.6)
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> 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.
Requirement already satisfied: click>=8.1.3 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (8.2.1)
Requirement already satisfied: itsdangerous>=2.2.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (2.2.0)
Requirement already satisfied: Jinja2>=3.1.2 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.6)
Requirement already satisfied: Werkzeug>=3.1.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.3)
Requirement already satisfied: colorama in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from click>=8.1.3->flask) (0.4.6)
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> python app.py
* Serving Flask app 'app'
* Debug mode: on
2.0)
Requirement already satisfied: Jinja2>=3.1.2 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.6)
Requirement already satisfied: Werkzeug>=3.1.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.3)
Requirement already satisfied: colorama in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from click>=8.1.3->flask) (0.4.6)
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> python app.py
* Serving Flask app 'app'
* Debug mode: on
Requirement already satisfied: markupsafe>=2.1.1 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.0.2)
```

```
File Edit Selection View Go Run Terminal Help Q flask_user_api
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> python app.py
* Serving Flask app 'app'
* Debug mode: on
2)
Requirement already satisfied: Werkzeug>=3.1.0 in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from flask) (3.1.3)
Requirement already satisfied: colorama in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from click>=8.1.3->flask) (0.4.6)
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> python app.py
* Serving Flask app 'app'
* Debug mode: on
Requirement already satisfied: colorama in c:\users\kunda\appdata\local\programs\python\python313\lib\site-packages (from click>=8.1.3->flask) (0.4.6)
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> python app.py
* Serving Flask app 'app'
* Debug mode: on
* Serving Flask app 'app'
* Debug mode: on
* 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
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: 361-476-321
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 361-476-321
127.0.0.1 - - [21/Nov/2025 10:07:30] "GET /users HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:34] "GET /users/1 HTTP/1.1" 200 -
* Debugger is active!
* Debugger PIN: 361-476-321
127.0.0.1 - - [21/Nov/2025 10:07:30] "GET /users HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:34] "GET /users/1 HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:58] "POST /users HTTP/1.1" 201 -
* Debugger is active!
* Debugger PIN: 361-476-321
127.0.0.1 - - [21/Nov/2025 10:07:30] "GET /users HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:34] "GET /users/1 HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:58] "POST /users HTTP/1.1" 201 -
```

```
PS C:\Users\kunda\OneDrive\Desktop\Flask_user_api> python app.py
* Serving Flask app 'app'
* Debug mode: on
* Serving Flask app 'app'
* Debug mode: on
* 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
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 361-476-321
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 361-476-321
127.0.0.1 - - [21/Nov/2025 10:07:30] "GET /users HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:34] "GET /users/1 HTTP/1.1" 200 -
* Restarting with stat
* Debugger is active!
* Debugger PIN: 361-476-321
127.0.0.1 - - [21/Nov/2025 10:07:30] "GET /users HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:34] "GET /users/1 HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:38] "POST /users HTTP/1.1" 201 -
127.0.0.1 - - [21/Nov/2025 10:07:30] "GET /users HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:34] "GET /users/1 HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:07:58] "POST /users HTTP/1.1" 201 -
127.0.0.1 - - [21/Nov/2025 10:07:58] "PUT /users/1 HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:08:11] "PUT /users/1 HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:08:11] "DELETE /users/3 HTTP/1.1" 200 -
127.0.0.1 - - [21/Nov/2025 10:08:40] "GET /users HTTP/1.1" 200 -
```

TERMINAL 2

```
File Edit Selection View Go Run Terminal Help flask_user_api
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\kunda\OneDrive\Desktop\flask_user_api> curl http://localhost:5000/users

statusCode : 200
StatusDescription : OK
Content : [
  {
    "age": 19,
    "email": "vangapandukundan@example.com",
    "id": 1,
    "name": "KUNDAN"
  },
  {
    "age": 20,
    "email": "sai@example.com",
    "id": 2,
    "name": "SAI"
  }
]

RawContent : HTTP/1.1 200 OK
Connection: close
Content-Length: 302
Content-Type: application/json
Date: Fri, 21 Nov 2025 04:37:30 GMT
Server: Werkzeug/3.1.3 Python/3.13.3

Forms : {}
Headers : {[Connection, close], [Content-Length, 302], [Content-Type, application/json], [Date, Fri, 21 Nov 2025 04:37:30 GMT]...}
Images : {}
InputFields : {}
Links : {}
ParsedHtml : mshhtml.HTMLDocumentClass
RawContentLength : 302

PS C:\Users\kunda\OneDrive\Desktop\flask_user_api> curl http://localhost:5000/users/1
```

```
File Edit Selection View Go Run Terminal Help flask_user_api
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\kunda\OneDrive\Desktop\flask_user_api> curl http://localhost:5000/users/1

statusCode : 200
StatusDescription : OK
Content : {
  "age": 19,
  "email": "vangapandukundan@example.com",
  "id": 1,
  "name": "KUNDAN"
}

RawContent : HTTP/1.1 200 OK
Connection: close
Content-Length: 90
Content-Type: application/json
Date: Fri, 21 Nov 2025 04:37:34 GMT
Server: Werkzeug/3.1.3 Python/3.13.3

Forms : {}
Headers : {[Connection, close], [Content-Length, 90], [Content-Type, application/json], [Date, Fri, 21 Nov 2025 04:37:34 GMT]...}
Images : {}
InputFields : {}
Links : {}
ParsedHtml : mshhtml.HTMLDocumentClass
RawContentLength : 90
```

```
File Edit Selection View Go Run Terminal Help flask_user_api
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\kunda\OneDrive\Desktop\flask_user_api> curl -X POST -H "Content-Type: application/json" -d '{"name": "Harshith", "email": "harshith@example.com", "age": 22}' http://localhost:5000/users

statusCode : 201
StatusDescription : CREATED
Content : {
  "age": 22,
  "email": "harshith@example.com",
  "id": 4,
  "name": "Harshith"
}

RawContent : HTTP/1.1 201 CREATED
Connection: close
Content-Length: 84
Content-Type: application/json
Date: Fri, 21 Nov 2025 04:37:58 GMT
Server: Werkzeug/3.1.3 Python/3.13.3

Forms : {}
Headers : {[Connection, close], [Content-Length, 84], [Content-Type, application/json], [Date, Fri, 21 Nov 2025 04:37:58 GMT]...}
Images : {}
InputFields : {}
Links : {}
ParsedHtml : mshhtml.HTMLDocumentClass
RawContentLength : 84
```

```
File Edit Selection View Go Run Terminal Help ← → flask_user_api
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\kunda\OneDrive\Desktop\flask_user_api> curl -X PUT "http://localhost:5000/users/1" -H "Content-Type: application/json" -d '{"name": "KUNDAN UPDATED", "age": 22}'
>>
{
  "age": 22,
  "email": "vangapandukunda@example.com",
  "name": "KUNDAN UPDATED",
  "id": 1,
}

RawContent : HTTP/1.1 200 OK
             Connection: close
             Content-Length: 98
             Content-Type: application/json
             Date: Fri, 21 Nov 2025 04:38:11 GMT
             Server: Werkzeug/3.1.3 Python/3.13.3
             {
               "age": 22,
               "email": "vangapan..."
             }
Forms : {}
Headers : [{"connection": "close"}, {"content-length": "98"}, {"content-type": "application/json"}, {"date": "Fri, 21 Nov 2025 04:38:11 GMT"}]
Images : {}
InputFields : {}
Links : {}
ParsedHtml : mshtml.HTMLDocumentClass
RawContentLength : 98
```

```
File Edit Selection View Go Run Terminal Help ← → flask_user_api
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Users\kunda\OneDrive\Desktop\flask_user_api> curl -X DELETE "http://localhost:5000/users/3"
>>
{
  "message": "User deleted"
}

RawContent : HTTP/1.1 200 OK
             Connection: close
             Content-Length: 32
             Content-Type: application/json
             Date: Fri, 21 Nov 2025 04:38:17 GMT
             Server: Werkzeug/3.1.3 Python/3.13.3
             {
               "message": "User deleted"
             }

RawContent : HTTP/1.1 200 OK
             Connection: close
             Content-Length: 32
             Content-Type: application/json
             Date: Fri, 21 Nov 2025 04:38:17 GMT
             Server: Werkzeug/3.1.3 Python/3.13.3
             {
               "message": "User deleted"
             }

RawContent : HTTP/1.1 200 OK
             Connection: close
             Content-Length: 32
             Content-Type: application/json
             Date: Fri, 21 Nov 2025 04:38:17 GMT
             Server: Werkzeug/3.1.3 Python/3.13.3
             {
               "message": "User deleted"
             }
```



```
localhost:5000/users
Pretty-print
[
  {
    "age": 22,
    "email": "vangapandukundan@example.com",
    "id": 1,
    "name": "KUNDAN UPDATED"
  },
  {
    "age": 20,
    "email": "sai@example.com",
    "id": 2,
    "name": "SAI"
  },
  {
    "age": 22,
    "email": "harshith@example.com",
    "id": 4,
    "name": "Harshith"
  }
]
```