Project -> RESTAPI micro service for user management

Output file

Steps to handle this program

Step 1:

Install python library – flask

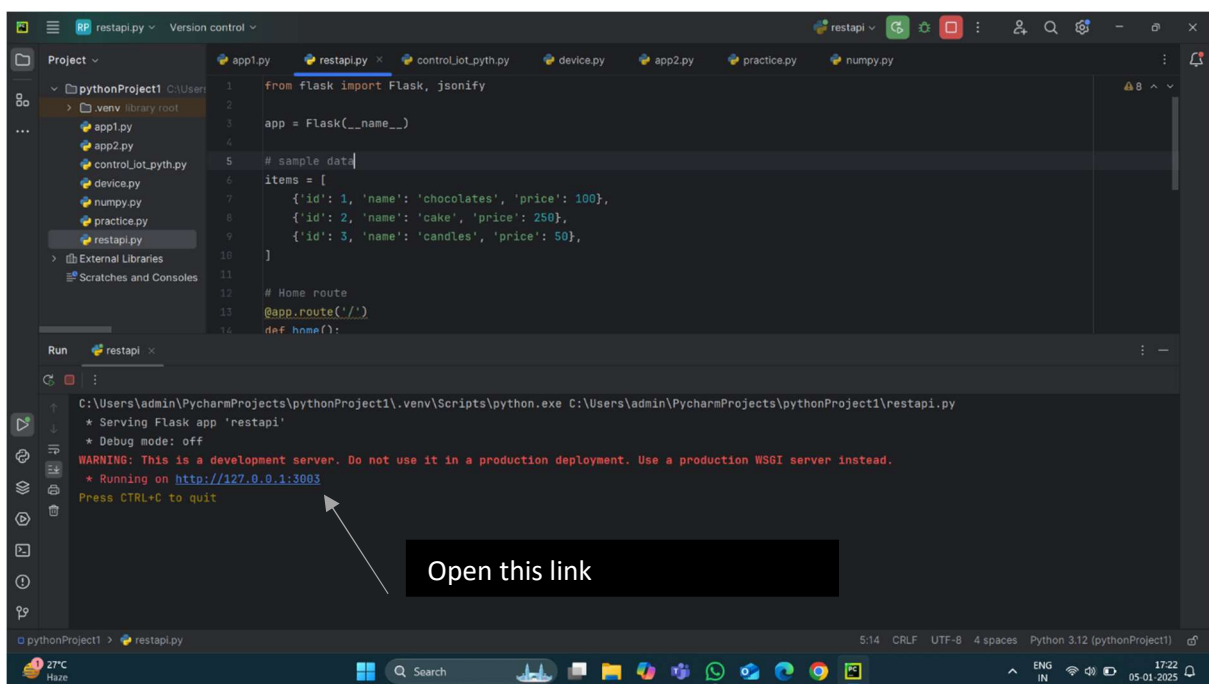By using – pip install flask

Step 2 :

Use python code to generate URL

Step 3:

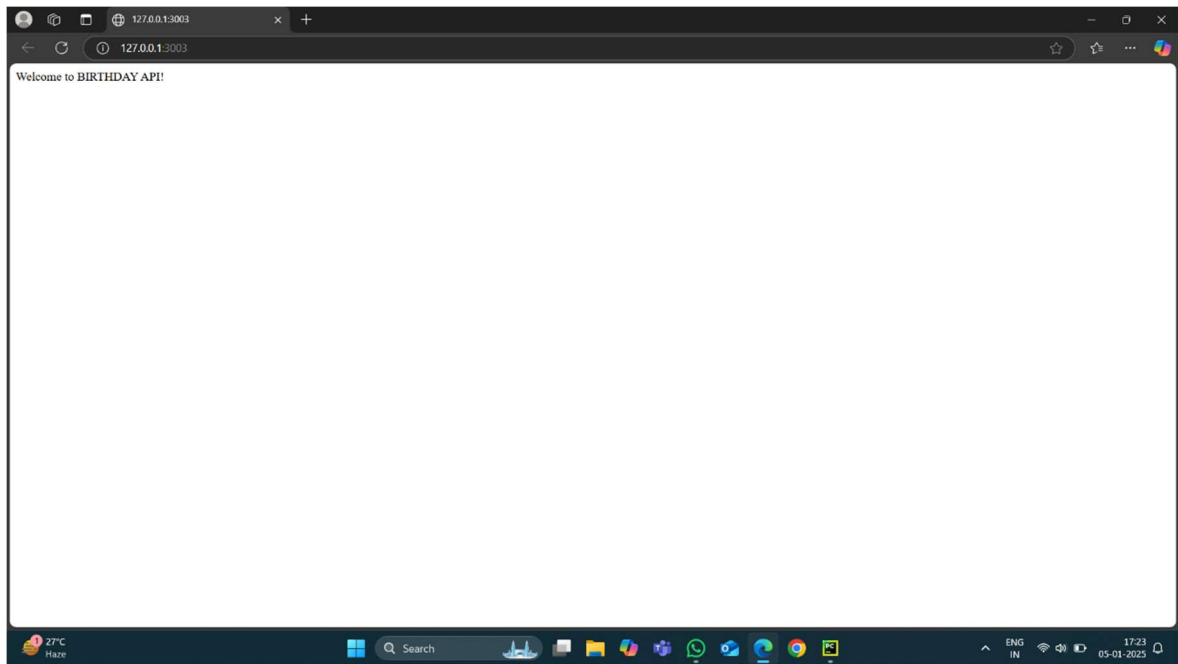Execute the program ,After executing url is generated

http://127.0.0.1:3003
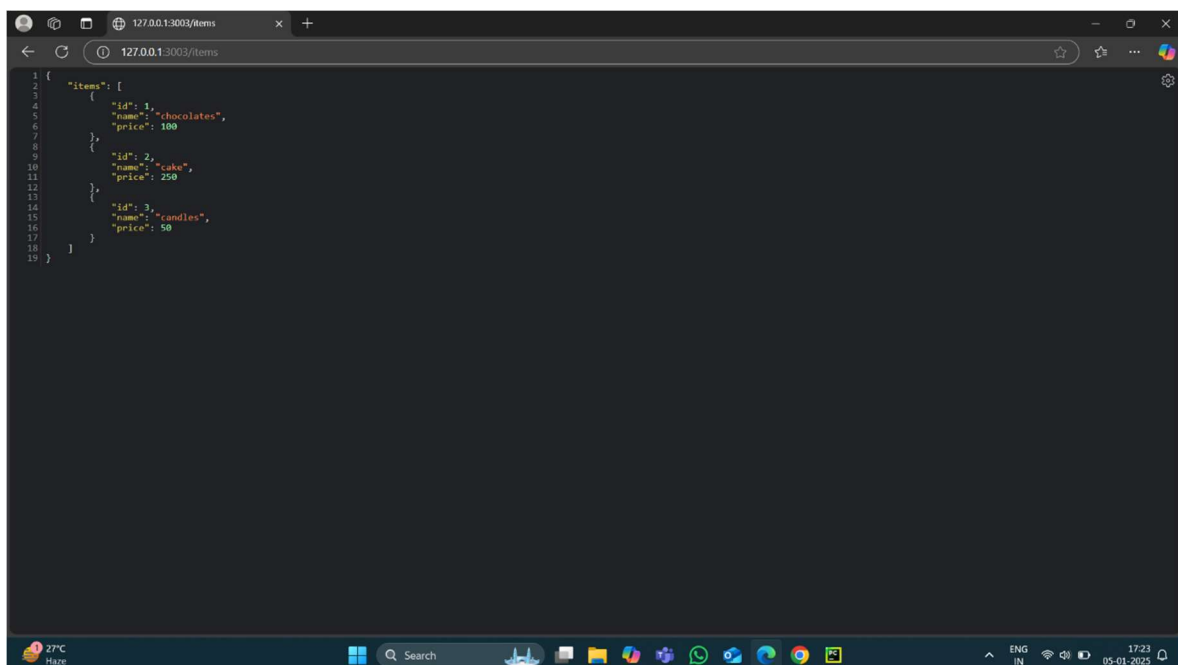

Link takes you to web page (home page)

Step 4:

Method: GET-> retrieve all details

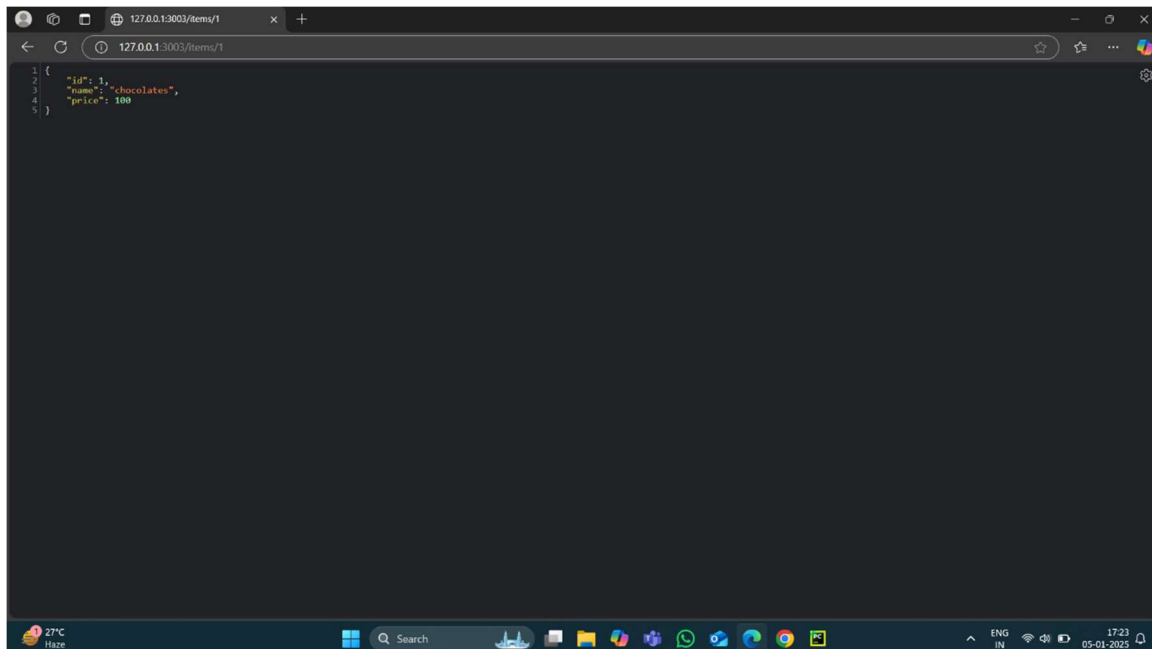GET method will add /items to end point

http://127.0.0.1:3003/items

Step 5:

@app.route('/items/<int:item_id>', methods=['GET'])

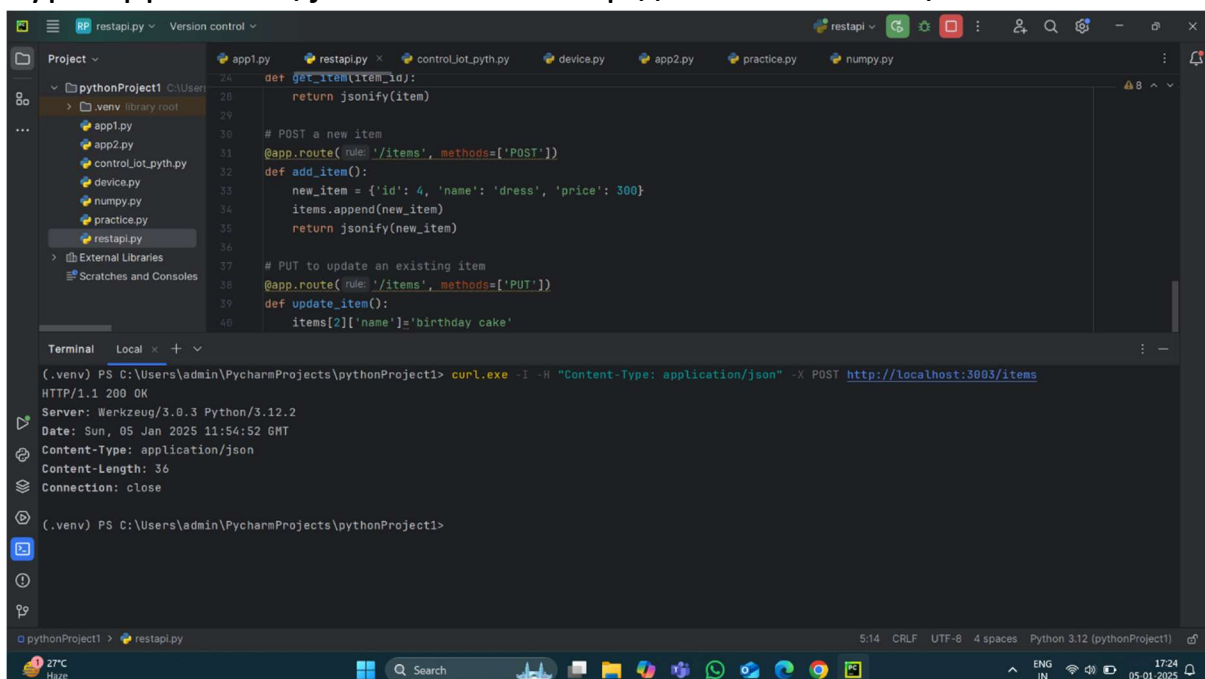Method: GET-> by adding item_id we get single item
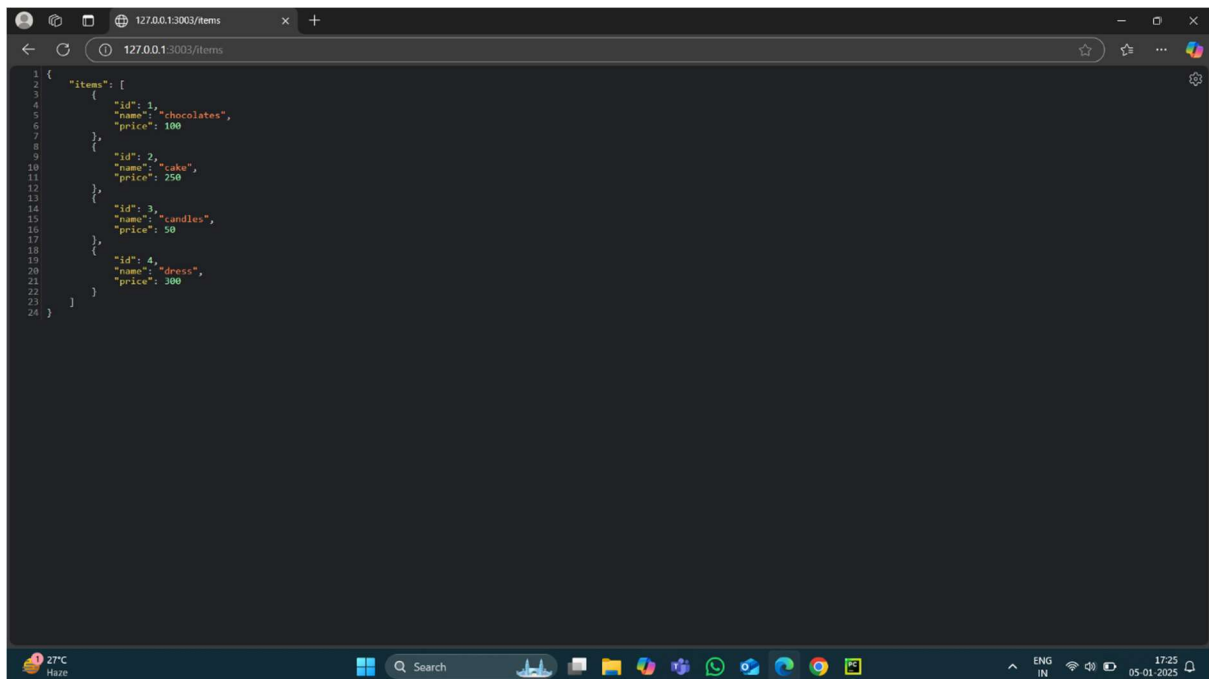
http://127.0.0.1:3003/items/1

Step 6:

Method:POST-> is used to send data to a server via API

To update use bash code -> curl.exe -I -H "Content-Type:application/json" -X POST http://localhost:3003/items
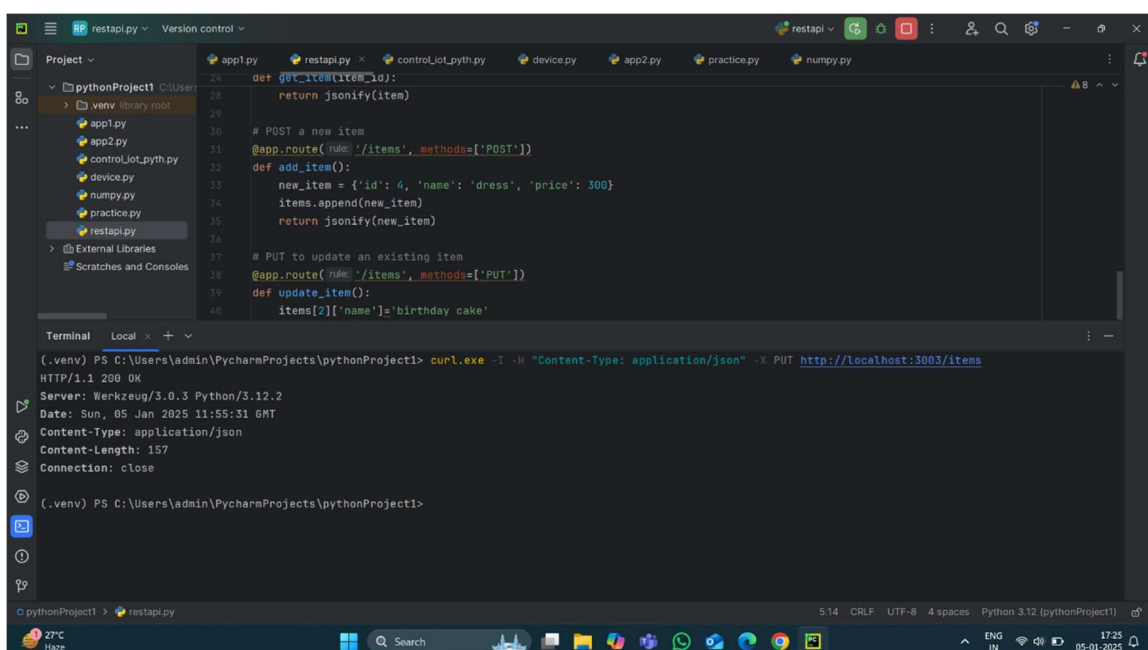
reload the http://127.0.0.1:3003/items
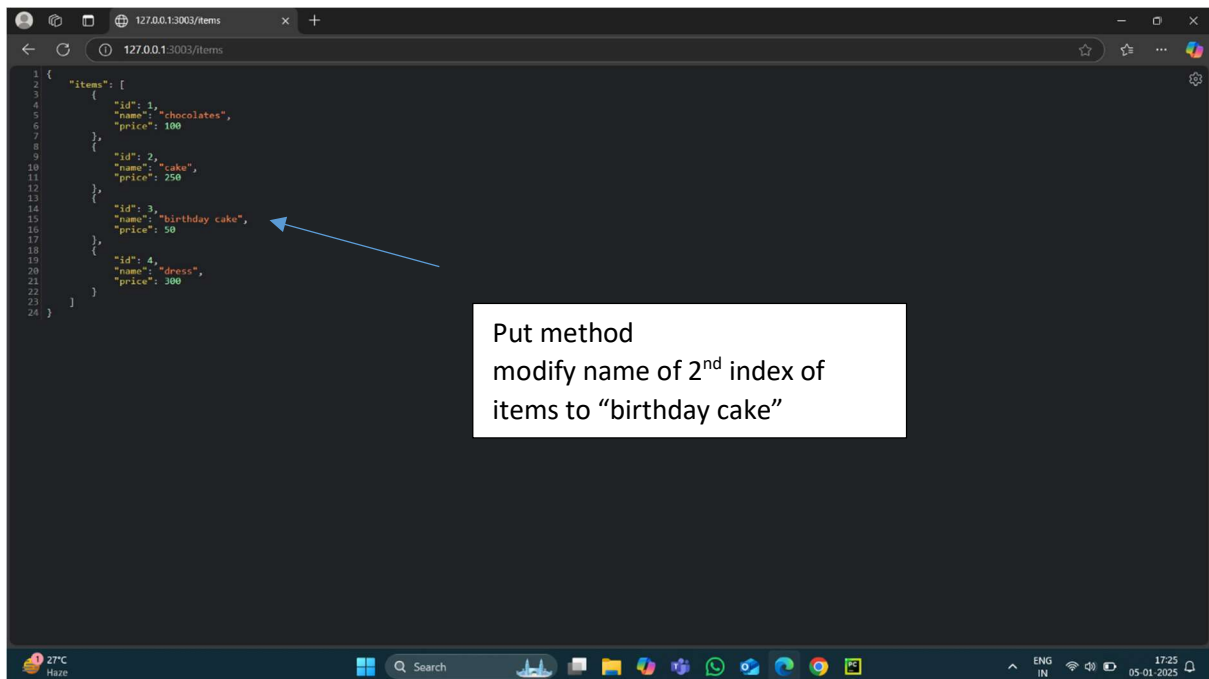
to get updated items

Step 7:

Method : PUT -> is an HTTP request method used in REST APIs to update an existing resource or create a new resource

To update use bash code -> curl.exe -I -H "Content-Type:application/json" -X PUT http://localhost:3003/items

reload the http://127.0.0.1:3003/items

to get updated items

Put method
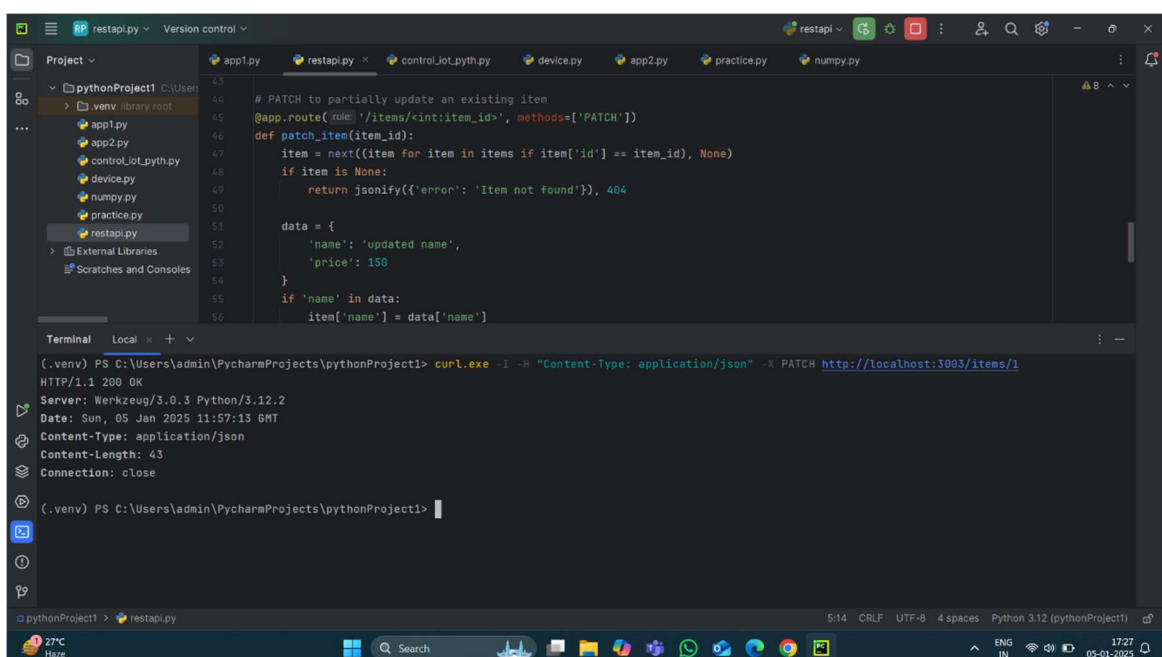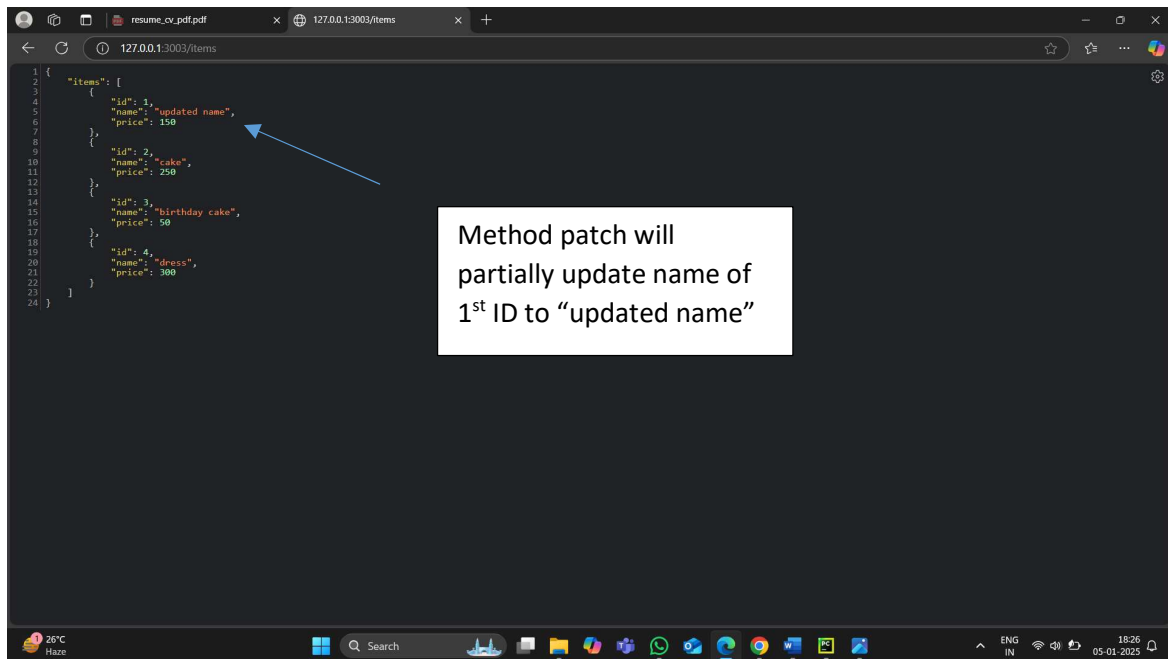modify name of 2nd index of
items to "birthday cake"

Step 8:

Method PATCH: is used to apply partial modifications to a resource

To update use bash code ->
 curl.exe -I -H "Content-Type:application/json" -X PATCH
http://localhost:3003/items/1

reload the http://127.0.0.1:3003/items/1
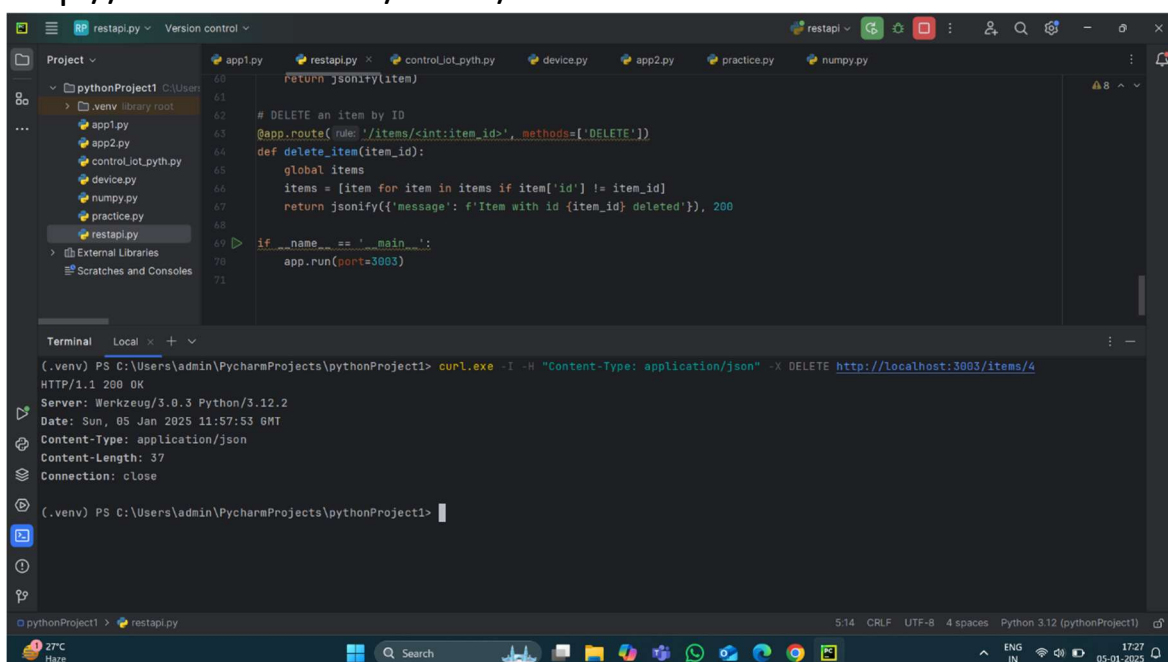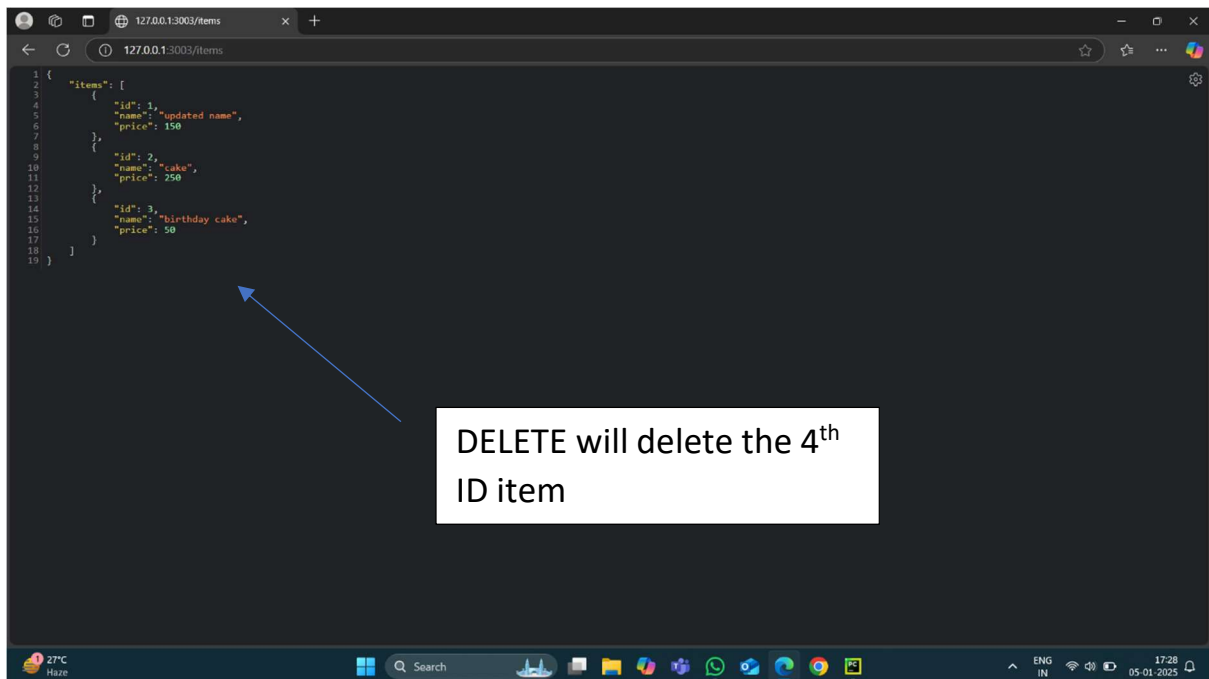to get updated items

Step 9:

Method DELETE : is an HTTP method used to remove or delete a resource from a server. In the program item_id is mentioned as 4
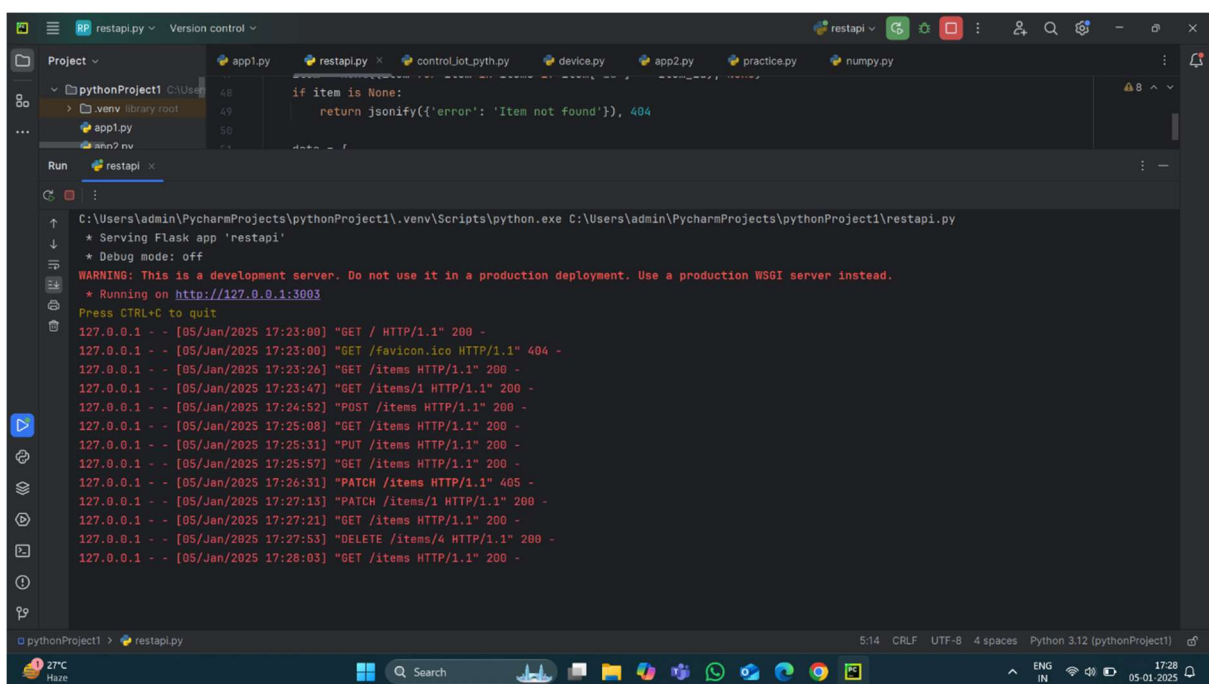
To update use bash code ->
 curl.exe -I -H "Content-Type:application/json" -X DELETE http://127.0.0.1:3003/items/4

reload the http://127.0.0.1:3003/items
to get updated items

DELETE will delete the 4th ID item

FINAL OUTCOMES OF PROJECT :

Press CTRL+C to quit……