

Task 1

For executing Task 1, open the “Task – 1” folder and do as follows:

Run “python dump.py” on Windows CMD or Terminal – To display records present in the “database.db” SQLite3 database.

To dump in a new database,

1. Delete the “database.db” file.
2. Uncomment the “dump(conn)” line in “dump.py”.
3. Run “python dump.py” on Windows CMD or Terminal.
4. This will create a new database “database.db” and dump “weather.json” into it.

Task 2 and 3

For executing Task 2 and 3, open the “Task – 2 and 3” folder and do as follows:

1. Start the ElasticSearch server through Windows CMD or Terminal..
2. Run “python create_index.py”
3. Now an ES index named Catalogue is created.
4. New records can be added and then, the search feature can also be used.

To start the webapp for using these features, follow the same old procedure given below:

For Linux and Mac – Run the following commands in sequence in Terminal

1. export FLASK_APP=flaskr
2. export FLASK_ENV=development
3. flask run

For Windows CMD – Run the following commands in sequence in CMD

1. set FLASK_APP=flaskr
2. set FLASK_ENV=development
3. flask run