Dataset Folder:- Corel-1K

Files Description:-

(a) main.py:- In this file, we extract the features of the image and seed them into MongoDB. In the database, we store the final MTH values obtained.

(b) Image_retrieval.py:- In this file, we ask the user for the query image, and based on the features extracted from this image we query the database and sort the closely related images based on the distance metric as discussed in the research paper.

Running The Code:-
- Open cmd to run MongoDB client,
    COMMAND :- mongod --dbpath C:\data\db --bind_ip 127.0.0.1 --port 27017

- Open Idle(Python IDE) on your system and open the main.py file:-
    - Change the path to the Corel folder path where you have downloaded the project in your system.
    - Run the script

- Do the same for image_retrieval.py file after setting the path.

Version Used:-
- Python 3.6
- Idle 3.6
- MongoDB version 4.2.2