

*****README FILE*****

serve.py file contains the code of the http-server.

.env file contains what changes need to be made initially i.e., initial setup.

file_store.txt contains the data.

.env file contains an "IP" field which is need to setup. By default it takes "localhost" as IP. It also contains a "PORT" field which is need to setup. By default it takes 7000.

After setting up the .env file, serve.py needs to be executed. By running this, it shows "Server started Successfully!" on a successful start.

Now, Open the browser and type the API on the URL.

The different APIs are given below:

1. http://localhost:7000/file_store.txt?action=list

To list the data stored in the file_store.txt file.

On successful, it returns 200 and the data present in the file. If no string is present against the id, it means that there is no data.

If there is any error it returns 404 and "File Not Found!".

2. http://localhost:7000/file_store.txt?action=view&id={num}

To view the data from the file where id = given num (without curly bracket)

On successful, it returns 200 and the data against the given id if the data is present otherwise "No Data Found!".

If there is any error it returns 404 and "File Not Found!".

3. http://localhost:7000/file_store.txt?action=delete&id={num}

To delete the data from the file where id = given num (without curly bracket). On successful, it returns 200 and "OK".

If there is any error it returns 404 and "File Not Found!".

4. http://localhost:7000/file_store.txt?action=create&string={string}

To create the data in the file with string= given string (without curly bracket). On successful, it returns 200 and "OK".

If there is any error it returns 404 and "File Not Found!".

5. http://localhost:7000/file_store.txt?action=update&id={num}&string={string}

To update/edit the data present in the file with string= given string (without curly bracket) where id= given num (without curly bracket).

On successful, it returns 200 and "OK". If there is any error it returns 404 and "File not Found".

If no API matches, it returns 404 and "URL Not Found!".