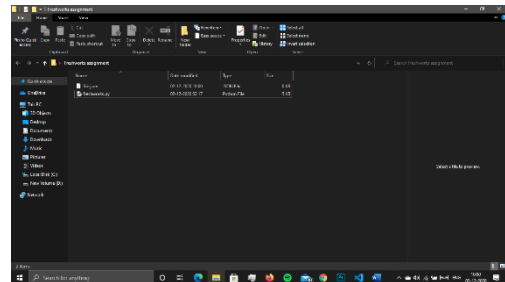
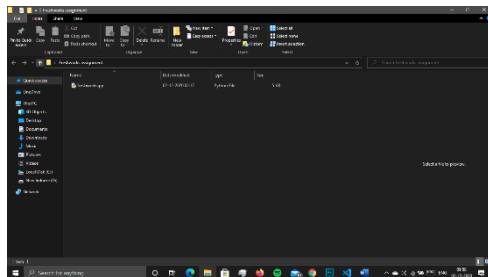


Freshworks – Backend Assignment

Source file: - freshworks.py

When the file is executed the json file in which the key and value to be added is created. If the file already exists then the key and value will be stored in the “file.json” created and also supports multiple threading and The key is always a string - capped at 32chars. The value is always a JSON object - capped at16KB.



1) CREATE: -

2) READ: -

```
freshworks.py
1.Create
2.Read
3.Delete
4.Quit
Enter your choice if key read time limit Enter v or h
Enter the key,VALUE,TIME
apple
Key is created
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
Enter your choice if key read time limit Enter v or h
Enter the key,VALUE
orange
Key is created
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
```

```
freshworks.py
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
Enter the key you want to read: apple
ERROR: read time expired
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
Enter the key you want to read: orange
orange is
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
```

3)DELETE: -

```
freshworks.py
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
Enter the key to be deleted: apple
ERROR:ERROR: apple Time expired
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
Enter the key to be deleted: orange
key (orange) is deleted
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
Enter the key you want to read: orange
ERROR:key does not exists Enter a valid key!!
Enter your choice: 1,2,3,4
1.Create
2.Read
3.Delete
4.Quit
```