

```
Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
Python 3.6.5 (v3.6.5:559c0932b4, Mar 28 2018, 16:07:46) [MSC v.1900 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:\Users\ABIR\AppData\Local\Programs\Python\Python36-32\Main_Code.py
DATASTORE
Choose the option
1.Create(TIME TO LIVE Duration optional) 2.Read 3. Delete 4.Modify 5.EXIT()
1
Kolkata 25
#Added Key-Value pair in JSON DATABASE
Key-Value pair Created and SAVED in JSON FILE
1
Mumbai 27 120
#Added Here 120secs is the TIME TO LIVE DURATION of KEY-VALUE pair
Key-Value pair Created and SAVED in JSON FILE
2
#Now read
enter key to READ (example: India)
Kolkata
Kolkata 25
2
#Now
enter key to READ (example: India)
Mumbai
Mumbai 27
2
#Now Read After 120 Secs
enter key to READ (example: India)
Mumbai
error: time-to-live of Mumbai has expired
None
```

```
Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
Python 3.6.5 (v3.6.5:559c0932b4, Mar 28 2018, 16:07:46) [MSC v.1900 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:\Users\ABIR\AppData\Local\Programs\Python\Python36-32\Main_Code.py
DATASTORE
Choose the option
1.Create(TIME TO LIVE Duration optional) 2.Read 3. Delete 4.Modify 5.EXIT()
1
Chennai 60
#Added Key-Value pair in JSON DATABASE
Key-Value pair Created and SAVED in JSON FILE
1
Chennai 44
#Here we are trying to add a Key which is already in DATABASE
error: this key already exists
3
enter key to DELETE (example: India)
Kolkata
key is successfully deleted
2
#Now try to read the deleted Key
enter key to READ (example: India)
Kolkata
error: given key does not exist in database. Please enter a valid key
None
1
Kolkata 25
#added again
Key-Value pair Created and SAVED in JSON FILE
```

```
Python 3.6.5 Shell
File Edit Shell Debug Options Window Help
Python 3.6.5 (v3.6.5:159c0932b4, Mar 28 2018, 16:07:46) [MSC v.1900 32 bit (Intel)] on win32
Type "copyright", "credits" or "license()" for more information.
>>>
RESTART: C:\Users\ABIR\AppData\Local\Programs\Python\Python36-32\Main_Code.py
DATASTORE
Choose the option
1.Create(TIME TO LIVE Duration optional) 2.Read 3. Delete 4.Modify 5.EXIT()
1
Delhi 40
#Added
Key-Value pair Created and SAVED in JSON FILE
3
enter key to DELETE (example: India)
Delhi
key is successfully deleted
1
Delhi 40
#Added
Key-Value pair Created and SAVED in JSON FILE
4
#Now modify a key
enter key and value(separated by space)example: India 5
Delhi 60
Key-Value Pair modified
2
#Now Read the Key
enter key to READ (example: India)
Delhi
Delhi: 60
#Key is Modified
```