

Screenshots

C:\Windows\System32\cmd.exe - python

```
Microsoft Windows [Version 10.0.18363.1139]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\hp\Downloads\college\job\freshworks\freshworks assignment>
C:\Users\hp\Downloads\college\job\freshworks\freshworks assignment>main_code.py

C:\Users\hp\Downloads\college\job\freshworks\freshworks assignment>
C:\Users\hp\Downloads\college\job\freshworks\freshworks assignment>
C:\Users\hp\Downloads\college\job\freshworks\freshworks assignment>python
Python 3.7.4 (tags/v3.7.4:e09359112e, Jul 8 2019, 19:29:22) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>>
>>>
>>> # Hi ! Here is a simple input and output test cases
...
>>>
>>> # Initially import the main file
...
>>>
>>> import main_code as xyz
>>>
>>>
>>> xyz.createdata("harshitage",22)
>>>
>>>
>>> #to createdata a key with key_name,value given and with no time-to-live property
...
>>>
>>> xyz.readdata("age")
Error: given key does not exist in database. Please enter a valid key or another Key
>>>
>>> xyz.readdata("harshitage")
'harshitage : 22'
>>>
>>>
>>> #it returns the value of the respective key in Jsonobject format 'key_name:value'
...
>>>
>>> xyz.createdata("nikhilage",21,120)
>>>
```

Select C:\Windows\System32\cmd.exe - python

```
>>>
>>>
>>> #it returns the value of the respective key in Jsonobject format 'key_name:value'
...
>>>
>>> xyz.createdata("nikhilage",21,120)
>>>
>>>
>>> #to createdata a key with key_name,value given and with time-to-live property value given(number of seconds)
...
>>>
>>> xyz.readdata("nikhilage")
'nikhilage : 21'
>>>
>>>
>>> #it returns the value of the respective key in Jsonobject format 'key_name:value'
...
>>>
>>> xyz.createdata("harshitage",21)
Error: this key already exists! Try another one
>>>
>>>
>>>
>>> #it returns an ERROR since the key_name already exists in the database
...
>>>
>>> # after 120 second nikhil age will expired Let's see
...
>>>
>>> xyz.readdata("nikhilage")
'nikhilage : 21'
>>>
>>>
>>>
>>> xyz.readdata("nikhilage")
Error: time-to-live of nikhilage has expired
>>>
>>>
```

CA Select C:\Windows\System32\cmd.exe - python

```
'nikhilage : 21'
>>>
>>>
>>>
>>> xyz.readdata("nikhilage")
Error: time-to-live of nikhilage has expired
>>>
>>>
>>> xyz.createdata("harshitage",22)
Error: this key already exists! Try another one
>>>
>>>
>>>
>>> xyz.readdata("harshitage")
'harshitage : 22'
>>>
>>>
>>> xyz.readdata("nikhilage")
Error: time-to-live of nikhilage has expired
>>>
>>>
>>> xyz.createdata("gouravage",22)
>>>
>>>
>>> xyz.readdata("gouravage")
'gouravage : 22'
>>>
>>>
>>> xyz.createdata("gouravage",22)
Error: this key already exists! Try another one
>>>
>>>
>>> xyz.deletedata("gouravage")
key is successfully deleted
>>>
>>>
```

C:\ Select C:\Windows\System32\cmd.exe - python

```
>>>
>>> xyz.createdata("gouravage",22)
Error: this key already exists! Try another one
>>>
>>>
>>> xyz.deletedata("gouravage")
key is successfully deleted
>>>
>>>
>>> xyz.readdata("gouravage")
Error: given key does not exist in database. Please enter a valid key or another Key
>>>
>>>
>>> #it deletes the respective key and its value from the database(memory is also freed)
...
>>>
>>>
>>> xyz.deletedata("harshitage")
key is successfully deleted
>>>
>>>
>>> xyz.readdata("harshitage")
Error: given key does not exist in database. Please enter a valid key or another Key
>>>
>>>
>>> xyz.deletedata("nikhilvage")
Error: given key does not exist in database. Please enter a valid key or another Key
>>>
>>>
>>>
>>> xyz.createdata("gourav@123age",22)
Error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>>
>>>
>>> xyz.createdata("harshit@sw123age",22)
Error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>>
>>>
>>>
>>> -----THANK YOU-----
```