

Some Screenshots

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C:\Windows\System32\cmd.exe - python
Microsoft Windows [Version 10.0.18363.1139]
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C:\Users\hp\Downloads\college\job\freshworks\CRD-operations-of-a-file-based-key-value-data-store-master>
C:\Users\hp\Downloads\college\job\freshworks\CRD-operations-of-a-file-based-key-value-data-store-master>
C:\Users\hp\Downloads\college\job\freshworks\CRD-operations-of-a-file-based-key-value-data-store-master>main_code.py

C:\Users\hp\Downloads\college\job\freshworks\CRD-operations-of-a-file-based-key-value-data-store-master>
C:\Users\hp\Downloads\college\job\freshworks\CRD-operations-of-a-file-based-key-value-data-store-master>
C:\Users\hp\Downloads\college\job\freshworks\CRD-operations-of-a-file-based-key-value-data-store-master>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 as a library name
...
>>>
>>> import main_code as xyz
>>>
>>>
>>> xyz.create("harshitage",22)
>>>
>>>
>>> #to create a key with key_name - harshitage ,value-22 given and with no time-to-live property
...
>>>
>>> xyz.read("harshitage")
'harshitage : 22'
>>>
>>> # it returns the value of the respective key in Jsonobject format 'key_name:value'
...
>>>
```

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```
'harshitage : 22'
>>>
>>> # it returns the value of the respective key in Jsonobject format 'key_name:value'
...
>>>
>>> xyz.create("nikhilage",21,120)
>>>
>>> #to create a key with key_name,value given and with time-to-live property value given(number of seconds)
...
>>>
>>> xyz.read("nikhilage")
'nikhilage : 21'
>>>
>>> #it returns the value of the respective key in Jsonobject format if the TIME-TO-LIVE IS NOT EXPIRED else it returns an ERROR
...
>>>
>>>
>>> xyz.create("harshitage",23)
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 is expired let's see
...
>>>
>>> xyz.read("nikhilage")
Error: time-to-live of nikhilage has expired
>>>
>>>
```

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```
>>>
>>>
>>>
>>> xyz.create("harshitage",23)
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 is expired let's see
...
>>>
>>> xyz.read("nikhilage")
Error: time-to-live of nikhilage has expired
>>>
>>>
>>> xyz.create("gouravage",22)
>>>
>>>
>>> xyz.read("gouravage")
'gouravage : 22'
>>>
>>>
>>> #it returns the value of the respective key in Jsonobject format if the TIME-TO-LIVE IS NOT EXPIRED else it returns an ERROR
...
>>>
>>>
>>> xyz.delete("harshitage")
key is successfully deleted
>>>
>>>
>>> #it deletes the respective key and its value from the database(memory is also freed)
...
>>>
>>> xyz.read("harshitage")
Error: given key does not exist in database. Please enter a valid key or another Key
>>>
>>>
>>>
```

```

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>>>
>>> #it returns the value of the respective key in Jsonobject format if the TIME-TO-LIVE IS NOT EXPIRED else it returns an ERROR
...
>>>
>>> xyz.delete("harshitage")
key is successfully deleted
>>>
>>>
>>> #it deletes the respective key and its value from the database(memory is also freed)
...
>>>
>>> xyz.read("harshitage")
Error: given key does not exist in database. Please enter a valid key or another Key
>>>
>>>
>>> xyz.create("harshit@gupta",25)
Error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>>
>>>
>>>
>>> xyz.create("harshit14",25)
Error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>>
>>>
>>>
>>> xyz.create("nikhil@122goyal",23)
Error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>>
>>>

```

```

>>>
>>>
>>> xyz.create("nikhil@122goyal",23)
Error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>>
>>>
>>>
>>> xyz.delete("gouravage")
key is successfully deleted
>>>
>>>
>>> xyz.delete("harshitage")
Error: given key does not exist in database. Please enter a valid key or another Key
>>>
>>>
>>> xyz.read("gouravage")
Error: given key does not exist in database. Please enter a valid key or another Key
>>>
>>>
>>>
>>> #          THANK YOU!!
...
>>>
>>>

```