

Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license()" for more information.

```
>>> #Here is a sample input and output test case
>>>
>>> #Import the main file
>>>
>>> import maincode as c
>>>
>>> c.create("Delhi",35)
>>> c.create("Lucknow",50,120)
>>>
>>> #Here 120 seconds= 2 minutes is the time-to-live value
>>>
>>> c.read("Delhi")
'Delhi:35'
>>> c.read("Lucknow")
'Lucknow:50'
>>>
>>> #After 2 minutes
>>>
>>> c.read("Delhi")
'Delhi:35'
>>> c.read("Lucknow")
Time-to-live of Lucknow has expired
>>>
>>> c.delete("Lucknow")
Time-to-live of Lucknow has expired
>>>
>>> #Modify Operation
>>> c.modify("Delhi",60)
>>> c.read("Delhi")
'Delhi:60'
>>> #After the modify operation the value of Lucknow has been changed to new value 60
>>>
>>> c.delete("Delhi")
The Key is successfully deleted
>>> c.read("Delhi")
Given key does not exist in database. Please enter a valid key
>>> |
```

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```
>>> import maincode as c
>>>
>>> c.create("Delhi",45)
>>>
>>> c.create("Delhi",45)
This key already exists
>>> # The key already existed
>>>
>>> # Trying using mis-spelt key or non-existing key
>>> c.read("delli")
Given key does not exist in database. Please enter a valid key
>>> c.read("Delhi")
'Delhi:45'
>>>
>>> #Trying to use amkey-name with special characters or space
>>> c.create("del45i",23)
Invalid key_name || key_name must contain only alphabets and no special characters or numbers
>>> c.create("delh@i",24)
Invalid key_name || key_name must contain only alphabets and no special characters or numbers
>>> c.create("Del hi",34)
Invalid key_name || key_name must contain only alphabets and no special characters or numbers
>>> c.create("DelhiHouse",45)
>>> c.read("DelhiHouse")
'DelhiHouse:45'
>>>
>>> #Delete Operation
>>> c.read("Delhi")
'Delhi:45'
>>> c.delete("Delhi")
The Key is successfully deleted
>>> c.read("Delhi")
Given key does not exist in database. Please enter a valid key
>>>
```