

Python 3.8 (64-bit)

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Python 3.8.6 (tags/v3.8.6:db45529, Sep 23 2020, 15:52:53) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> #Build a file-based key-value data store that supports the basic CRD (create, read, and delete) operations.
>>> #Run the module of main file and import mainfile as a library(Mainfile = code.py)
>>>
>>> #importing the main file
>>> import code as c
>>>
>>>
>>> #A new key-value pair can be added to the data store using the Create operation
>>> c.create("ab@99",22) #Invalid key_name
error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>>
>>> c.create("anushaa",36)
>>>
>>> #key already exists
>>> c.create("anushaa",44)
error: this key already exists
>>>
>>> #A Read operation on a key can be performed by providing the key, and receiving the value in response, as a JSON object
>>> c.read("anushaa")
'anushaa:36'
>>>
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>>>
>>>
>>> #timeout in create operation
>>> c.create("apples",54,60) #timeout value is 60sec
>>>
>>> #after one min
>>> c.read("apples")
error: time-to-live of apples has expired
>>>
>>> #given key does not exist in database
>>> c.read("avocados")
error: given key does not exist in database. Please enter a valid key
>>>
>>> # delete operation
>>> c.delete("anushaa")
key is successfully deleted
>>>
>>> #delete expired key
>>> c.delete("apples")
error: time-to-live of apples has expired
>>>
>>> #given key does not in database
>>> c.delete("blueberries")
error: given key does not exist in database. Please enter a valid key
>>>
>>>
>>> #after deleting key
>>> c.read("anushaa")
error: given key does not exist in database. Please enter a valid key
```