

RUNNING PROCEDURE

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===== RESTART: C:\Users\admin\Downloads\code.py =====
>>> #Hi! here is a sample input and output test case
>>> #Initially import the main file as a library
>>>
>>> import code as x
>>>
>>> x.create("chennai",25)
>>> x.create("bangalore",50,120)
>>> #here 120seconds= 2minutes is the Time-to-live value
>>>
>>> x.read("chennai")
'chennai:25'
>>> x.read("bangalore")
'bangalore:50'
>>>
>>> #after two minutes
>>>
>>> x.read("chennai")
'chennai:25'
>>> x.read("bangalore")
error: time-to-live of bangalore has expired
>>>
>>> x.delete("bangalore")
error: time-to-live of bangalore has expired
>>>
>>> x.modify("chennai",60)
>>> x.read("chennai")
'chennai:60'
>>> #after modify operation the old value of "chennai" is changed to a new_value of '60' in this case
>>>
>>> x.delete("chennai")
>>>
>>> #after deleting the key, trying to read it
>>> x.read("chennai")
error: given key does not exist in database. Please enter a valid key
>>>
```

Examples

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===== RESTART: C:\Users\admin\Downloads\code.py =====
>>> import code as x
>>>
>>> x.create("sastra",25)
>>> #a key-value is created with "sastra" as key_name
>>>
>>> #now
>>> x.create("sastra",50)
error: this key already exists
>>>
>>> #now I am using a mis-spelt key or non-existing key
>>> x.read("sasra")
error: given key does not exist in database. Please enter a valid key
>>> x.read("sastra")
'sastra:25'
>>>
>>>
>>> #now trying to give a key_name with special characters or space
>>> x.create("sas34tra",12)
error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>> x.create("sas@tra",34)
error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>> x.create("sas tra",56)
error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>> x.create("sastrauniversity",67)
>>> x.read("sastrauniversity")
'sastrauniversity:67'
>>>
>>>
>>> #delete operation
>>> x.read("sastra")
'sastra:25'
>>> x.delete("sastra")
key is successfully deleted
>>> x.read("sastra")
error: given key does not exist in database. Please enter a valid key
>>>
>>>
```