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C:\Users\mohit>D:

D:\>cd Leapfinance_backend_assignment

D:\Leapfinance_backend_assignment>python
Python 3.9.2 (tags/v3.9.2:1a79785, Feb 19 2021, 13:44:55) [MSC v.1928 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> #Hello ! here is a sample input and output test case for demo
>>> #At first import the main file(i.e maincode) as library
>>>
>>> import maincode as lbr
>>>
>>> lbr.create("Shimla",24)
>>> #to create a key with key_name,value given and with no time-to-live property
>>>
>>> lbr.create("Manali",80,90)
>>> #to create a key with key_name,value given and with time-to-live property value given(number of seconds)
>>> #here 90 seconds=1.5 minutes i the Time-to-live value
>>>
>>> lbr.read("Shimla")
'Shimla:24'
>>>
>>> lbr.read("Manali")
'Manali:80'
>>>
```

```
>>>
>>> #after 1.5 minutes
>>> lbr.read("Shimla")
'Shimla:24'
>>>
>>> lbr.read("Manali")
error: time-to-live of Manali has expired
>>>
>>> lbr.delete("Shimla")
key is successfully deleted
>>>
>>> #after the deletion of "Shimla" key trying to read it
>>> lbr.read("Shimla")
error: given key does not exist in database. Please enter a valid key
>>>
```

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>>>
>>>
>>> import maincode as lbr
>>> #importing the main file("code" is the name of the file I have used) as a library
>>>
>>>
>>> lbr.create("Mohit",24)
>>> #a key-value is created with "Mohit" as key name
>>>
>>> #Now create once more with same key name
>>> lbr.create("Mohit",50)
error: this key already exists
>>>
>>> #Now i will show the output for mispelled key name or non-existing key name
>>> lbr.read("Moihit")
error: given key does not exist in database. Please enter a valid key
>>>
>>> lbr.read("Mohit")
'Mohit:24'
>>>
>>> #Now will show the output for key name with special characters
>>> lbr.create("Mohit@",50)
error: Invalind key_name!! key_name must contain only alphabets and no special characters or numbers
>>> lbr.create("Mohit23",50)
error: Invalind key_name!! key_name must contain only alphabets and no special characters or numbers
>>> lbr.create("Moh it",50)
error: Invalind key_name!! key_name must contain only alphabets and no special characters or numbers
>>>
>>> lbr.create("Mohitsmr",24)
>>> lbr.read("Mohitsmr")
'Mohitsmr:24'
>>>
>>>
>>> #Delete operation
>>> lbr.read("Mohit")
'Mohit:24'
>>> lbr.delete("Mohit")
key is successfully deleted
>>> lbr.read("Mohit")
error: given key does not exist in database. Please enter a valid key
>>>
```