```
Windows PowerShell                                                    —  □  ✕

PS E:\Practise\Key Value Data Store> python .\back_end_code.py
PS E:\Practise\Key Value Data Store> python
Python 3.8.2 (tags/v3.8.2:7b3ab59, Feb 25 2020, 22:45:29) [MSC v.1916 32 bit (Intel)] on win32

Type "help", "copyright", "credits" or "license" for more information.
>>>
>>> # This is the execution of sample test cases
>>> # Import the main library Initially
>>>
>>> import back_end_code as c
>>> c.create('John',25)
>>> c.create('Lisa',20,120)
>>> #120 seconds = 2 minutes time to live value
>>>
>>> c.read('John')
'John:25'
>>> c.read('Lisa')
'Lisa:20'
>>> #returns output in JASON format i.e key-value pair
>>> #after 2 minutes
>>> c.read('Lisa')
error: time-to-live of Lisa has expired
>>>
```

```
Windows PowerShell                                                    —  □  ✕

>>> #Modify operation
>>> c.modify('John',35)
>>> c.read('John')
'John:35'
>>> #The old value of John is modified
>>>
>>>
>>> #Creating with exsisting keys
>>> c.create('John',35)
error: this key already exists
>>> #cannot create with a exsisting key name
>>>
>>>
>>> #trying to give key names with special characters and numerics
>>> c.create('Steve@Smith',27)
error: Invalind key_name!! key_name must contain only alphabets
>>> c.create('Alice777',30)
error: Invalind key_name!! key_name must contain only alphabets
>>> #cannot create key values with special characters or numerics
>>>
```

```
>>> #delete operation
>>> c.delete('John')
key is successfully deleted
>>> c.read('John')
error: given key does not exist in database. Please enter a valid key
>>> #successfully deleted the key and memory is also freed
```