

C:\Windows\System32\cmd.exe - python

```
E:\>python crd.py
```

```
E:\>python
```

```
Python 3.7.3 (default, Mar 27 2019, 17:13:21) [MSC v.1915 64 bit (AMD64)] :: Anaconda, Inc. on win32
```

```
Warning:
```

```
This Python interpreter is in a conda environment, but the environment has  
not been activated. Libraries may fail to load. To activate this environment  
please see https://conda.io/activation
```

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

```
>>> import crd as test # using the python file for testing
```

```
>>>
```

```
>>> test.newKeyValue("India",200)
```

```
Successfully added the key:India
```

```
>>>
```

```
>>> test.newKeyValue("Australia",500,60)
```

```
Successfully added the key:Australia
```

```
>>>
```

```
>>> test.readKey("India")
```

```
'India:200'
```

```
>>>
```

```
>>> test.readKey("Australia")
```

```
'Australia:500'
```

```
>>>
```

```
>>> test.newKeyValue("Zimbabwe",800)
```

```
Successfully added the key:Zimbabwe
```

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```
>>> test.newKeyValue("Aravind99",600) #Testing with numericals in key name
Error:Check the 'key' name,its invalid and should contain only alphabets !!!
>>>
>>> #After 1 minute , ttl = 60seconds for Australia
... test.readKey("Australia")
Error:The time to live of the key has expired !!!
>>>
>>> test.deleteKey("India")
India deleted successfully !!!
>>>
>>> test.newKeyValue("Zimbabwe",700) #Creating same key with different value
Error:Please Check, key already exists !!!
>>>
>>> test.updateValue("Zimbabwe",700) #Update function for updating existing key in db
>>>
>>> test.readKey("Zimbabwe") #Checking if update function reflected
'Zimbabwe:700'
>>>
>>> test.readKey("India") #Checking if deleted key still exists
Error:Invalid key, key not present in the file !!!
```