

C:\Python38\python.exe

Python 3.8.4 (tags/v3.8.4:dfa645a, Jul 13 2020, 16:46:45) [MSC v.1924 64 bit (AMD64)] on win32

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

```
>>> import code as x
```

```
>>> #Hello! it is a sample input and output cases
```

```
>>> #here imported code.py(main file) as a library
```

```
>>>
```

```
>>> x.create("delhi",25)
```

```
>>> x.create("chennai",50,120)
```

```
>>> #here 120 sec= 2 min is the time-to-live value
```

```
>>>
```

```
>>> x.read("delhi")
```

```
'delhi:25'
```

```
>>> x.read("chennai")
```

```
error: time-to-live of chennai has expired
```

```
>>> x.read("chennai")
```

```
error: time-to-live of chennai has expired
```

```
>>> x.create("chennai",50,120)
```

```
error: this key already exists
```

```
>>> x.read("chennai")
```

```
error: time-to-live of chennai has expired
```

```
>>> x.create("chennai",50,150)
```

```
error: this key already exists
```

```
>>> x.create("bangalore",50,120)
```

```
>>> x.read("bangalore")
```

```
'bangalore:50'
```

```
>>> #we waited for 2 min then executed read command for chennai its showing error after creating new value "banalore" it is showing correct output
```

```
>>> x.delete("chennai")
```

```
error: time-to-live of chennai has expired
```

```
>>> x.delete("bangalore")
```

```
error: time-to-live of bangalore has expired
```

```
>>>
```

```
>>> x.modify("delhi",60)
```

```
>>> x.read("delhi")
```

```
'delhi:60'
```

```
>>> #after modifying operation the value of "delhi" is changed to a new_value '60' in this case
```

```
>>> x.delete("chennai")
```

```
error: time-to-live of chennai has expired
```

```
>>>
```

```
>>> x.modify("delhi",60)
```

```
>>> x.delete("delhi")
```

```
key is successfully deleted
```

```
>>> #after deleting the key,trying to read it
```

```
>>> x.read("delhi")
```

```
error: given key does not exist in database. Please enter a valid key
```

```
>>>
```

```
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Python 3.8.4 (tags/v3.8.4:dfa645a, Jul 13 2020, 16:46:45) [MSC v.1924 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>> import code as x
>>> x.create("dog",25)
>>> #a key value is created with "dog" as key_name
>>>
>>> #now next step
>>> x.create("dog",50)
error: this key already exists
>>>
>>> #now i am using a mis-splet key or non-existing key
>>> x.read("doog")
error: given key does not exist in database. Please enter a valid key
>>> x.read("dog")
'dog:25'
>>>
>>> #now tring to give key_name with special char or space
>>> x.create("dog8",12)
error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>> x.create("dog@",12)
error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>> x.create("dog ",12)
error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>> x.create("d og",12)
error: Invalid key_name!! key_name must contain only alphabets and no special characters or numbers
>>> x.create("doooooog",62)
>>> x.read("doooooog")
'doooooog:62'
>>>
>>>
>>> #delete operation
>>> x.read("dog")
'dog:25'
>>> x.delete("dog")
key is successfully deleted
>>> x.read("dog")
error: given key does not exist in database. Please enter a valid key
>>> #ALL CRD COMMAND COMPLETED WITH PYTHON code.py
>>>
```