

SAMPLE OUTPUT:

```
>>> import code as ds
>>> obj=ds.code()
Data Store opened!!
>>>
>>> val1={'ssn':1}
>>> val2={'chennai':2}
>>>
>>> obj.create("emily",val1,2)
Value added!!
>>>

>>> obj.create("abc",val2,0)
Value added!!
>>>
>>> #key is not a string
>>> obj.create(1234,val2,0)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "C:\Users\Swetha.B\Desktop\code.py", line 54, in create
    raise Exception('Key value is not a string!!')
Exception: Key value is not a string!!
>>>
>>> #key already exists
>>> obj.create("abc",val2,0)
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "C:\Users\Swetha.B\Desktop\code.py", line 44, in create
    raise Exception('Key is already present!!')
Exception: Key is already present!!
>>>
```

```

>>> obj.read("abc")
'"{\\"chennai\\"":2}'
>>>
>>> #reading an expired key
>>> obj.read("emily")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "C:\Users\Swetha.B\Desktop\code.py", line 70, in read
    raise Exception("Unable to read key.Time-To-Live has expired!!")
Exception: Unable to read key.Time-To-Live has expired!!
>>>
>>>
>>> #reading a non-existing key
>>> obj.read("aaaaaa")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "C:\Users\Swetha.B\Desktop\code.py", line 63, in read
    raise Exception('No such key found!')
Exception: No such key found!
>>>
>>>
>>> obj.delete("abc")
Key-value pair deleted!!
>>>
>>> #deleting an expired key
>>> obj.delete("emily")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "C:\Users\Swetha.B\Desktop\code.py", line 87, in delete
    raise Exception("Unable to read key.Time-To-Live has expired!!")
Exception: Unable to read key.Time-To-Live has expired!!
>>>
>>>
>>> #deleting a non-existing key
>>> obj.delete("aaaaaaaaaa")
Traceback (most recent call last):
  File "<stdin>", line 1, in <module>
  File "C:\Users\Swetha.B\Desktop\code.py", line 77, in delete
    raise Exception('No such key exists in data store!!')
Exception: No such key exists in data store!!
>>>

```

UNIT TEST OUTPUT:

```

C:\Users\Swetha.B\Desktop>python -m pytest unit_test.py
===== test session starts =====
platform win32 -- Python 3.9.0, pytest-6.2.1, py-1.10.0, pluggy-0.13.1
rootdir: C:\Users\Swetha.B\Desktop
collected 12 items

unit_test.py ..... [100%]

===== 12 passed in 0.17s =====

```