Name : Ritesh Pawar
PRN : 2020BTECS00068

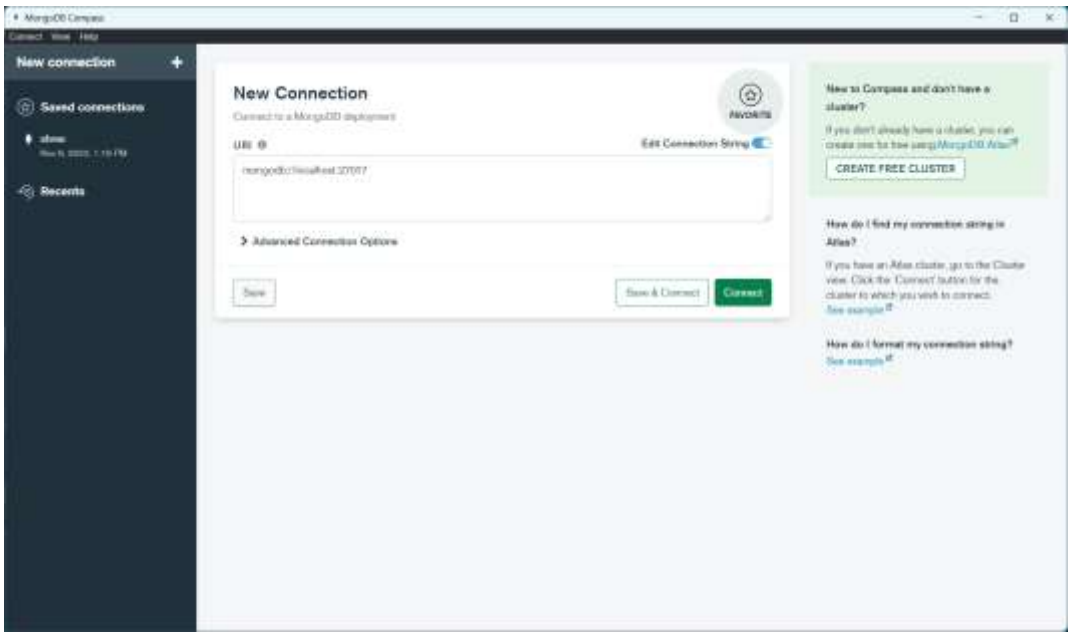
TY B.Tech. (CSE) – II [2022-23]

5CS372 : Advanced Database System Lab.

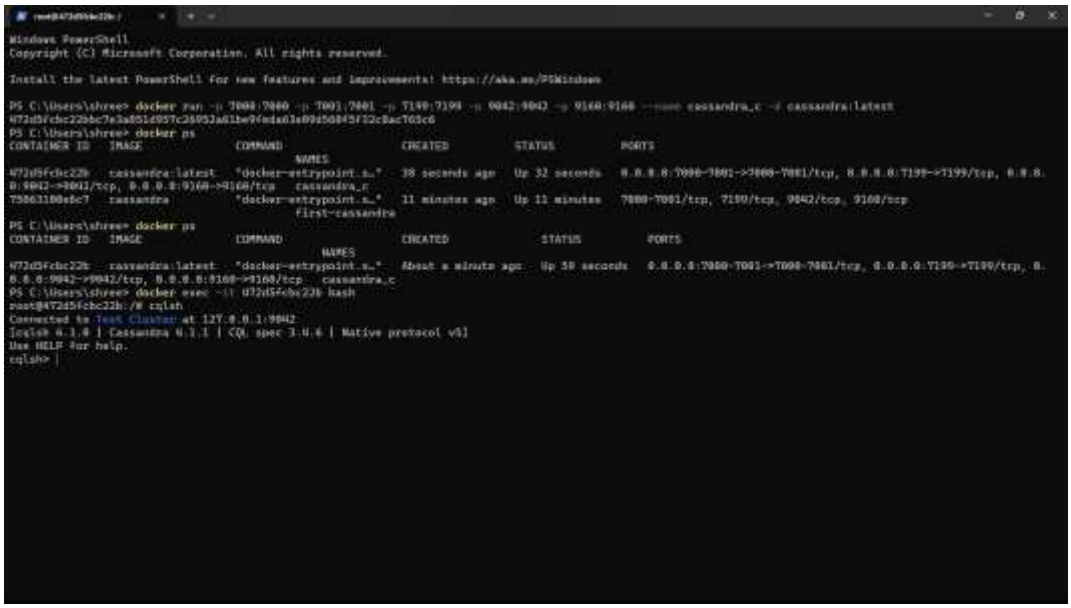
Assignment No. 9

Install & deploy the following cloud databases on windows platform :

A] MongoDB



B] CassandraDB

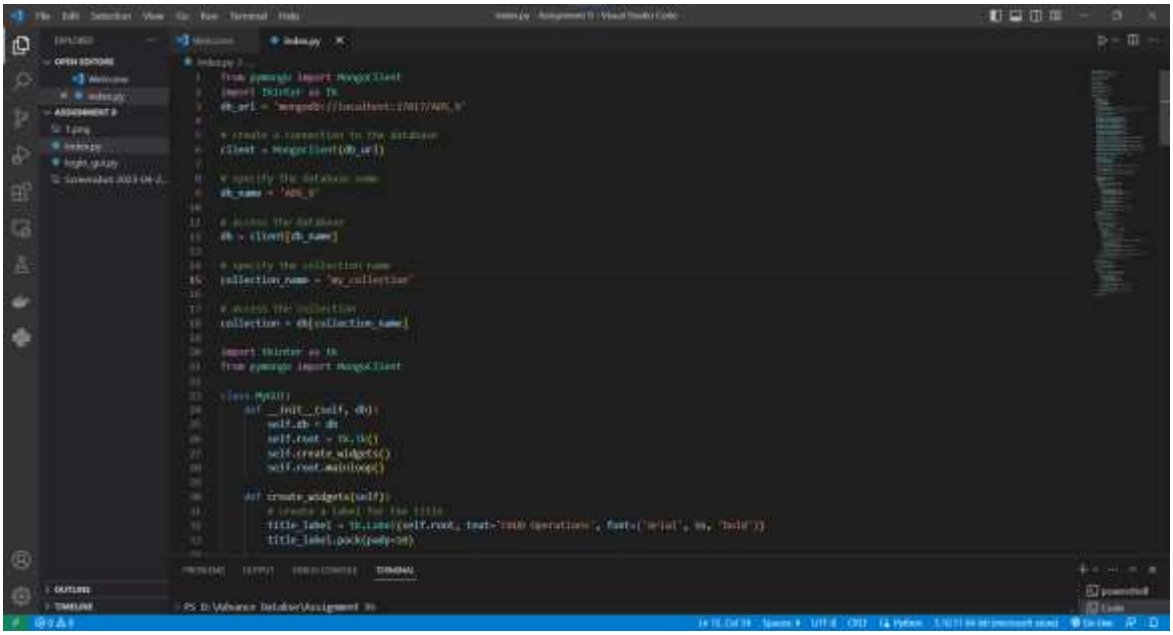


Name : Ritesh Pawar
PRN : 2020BTECS00068

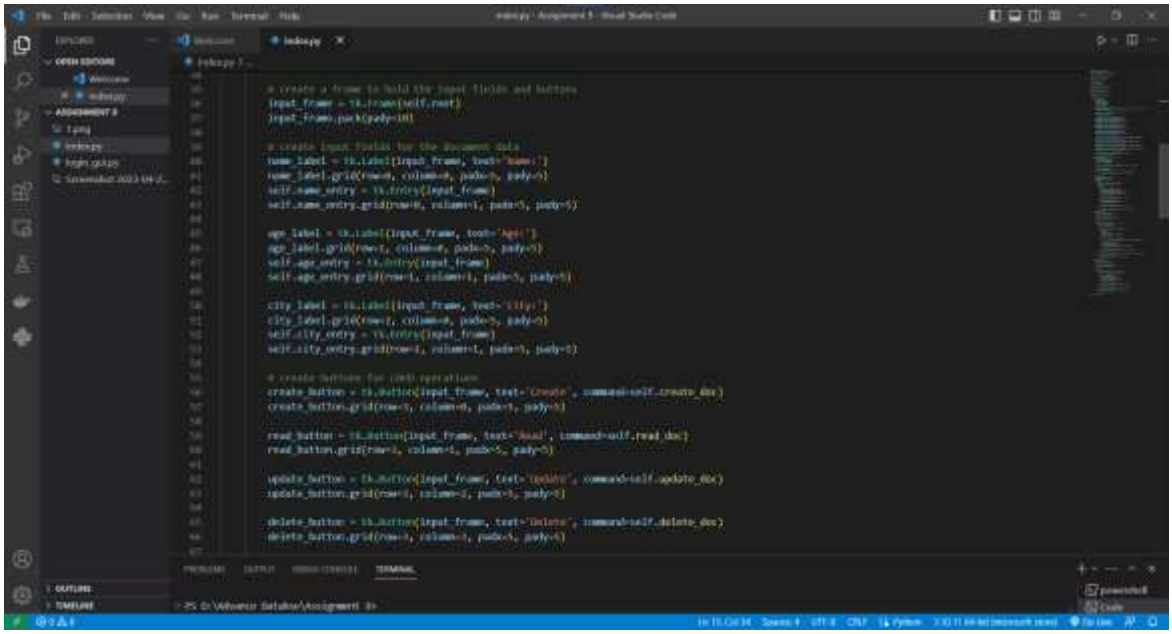
```
root@472d5fcbc22b: /          Windows PowerShell
cqlsh> use techframer
   ... ;
cqlsh:techframer> CREATE TABLE student(student_id int PRIMARY KEY, student_name text, student_c
ity text, student_fees varint, student_phone varint );
cqlsh:techframer> SELECT * from student
              ... ;

 student_id | student_city | student_fees | student_name | student_phone
------------+--------------+--------------+--------------+---------------

(0 rows)
cqlsh:techframer> INSERT INTO student (student_id,student_fees,student_name) VALUES(1,5000,'Aje
et');
cqlsh:techframer> SELECT * from student ;

 student_id | student_city | student_fees | student_name | student_phone
------------+--------------+--------------+--------------+---------------
          1 |         null |         5000 |       Ajeet |          null
```

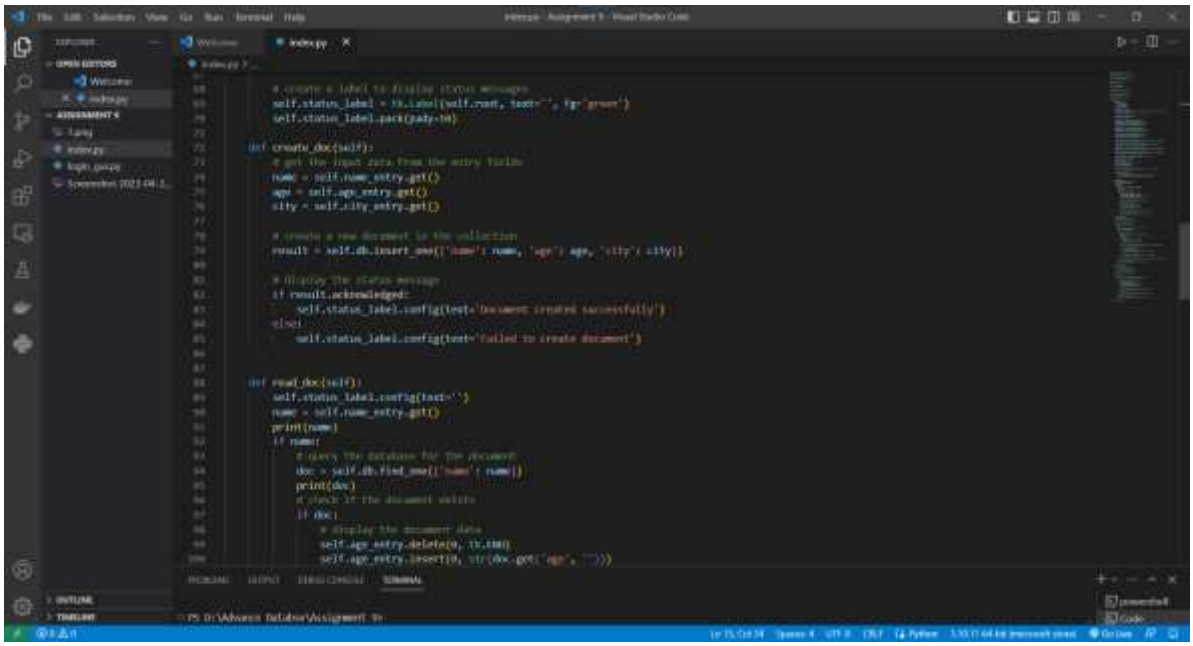
Q. Write Python desktop Application to demonstrate the CRUD operation with above backend cloud databases. ***Assume any database***.

Code:

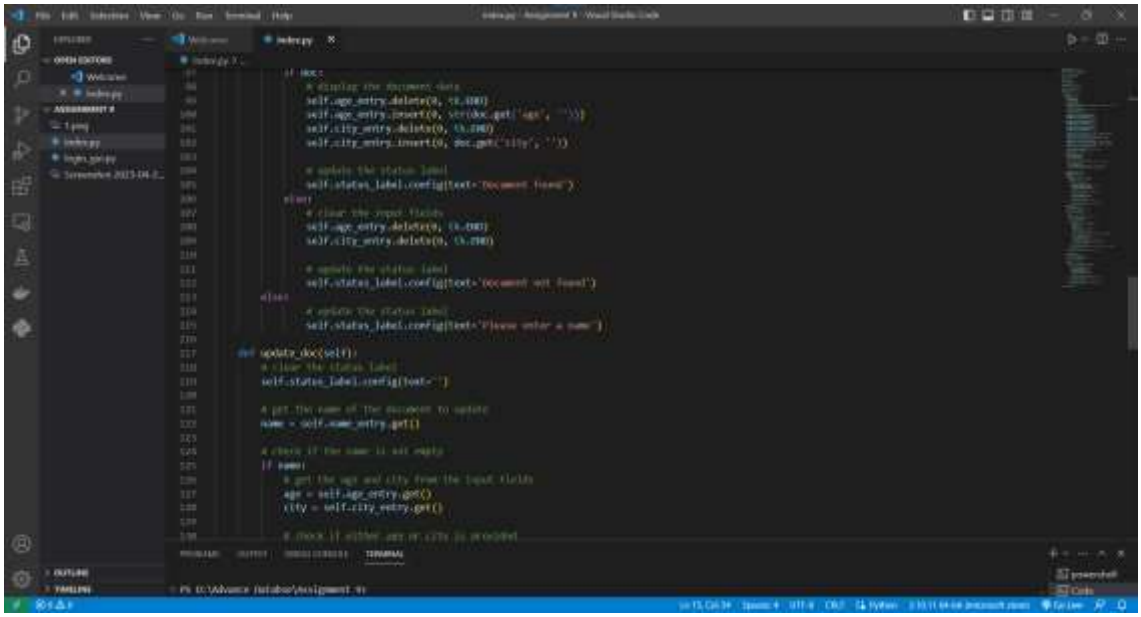


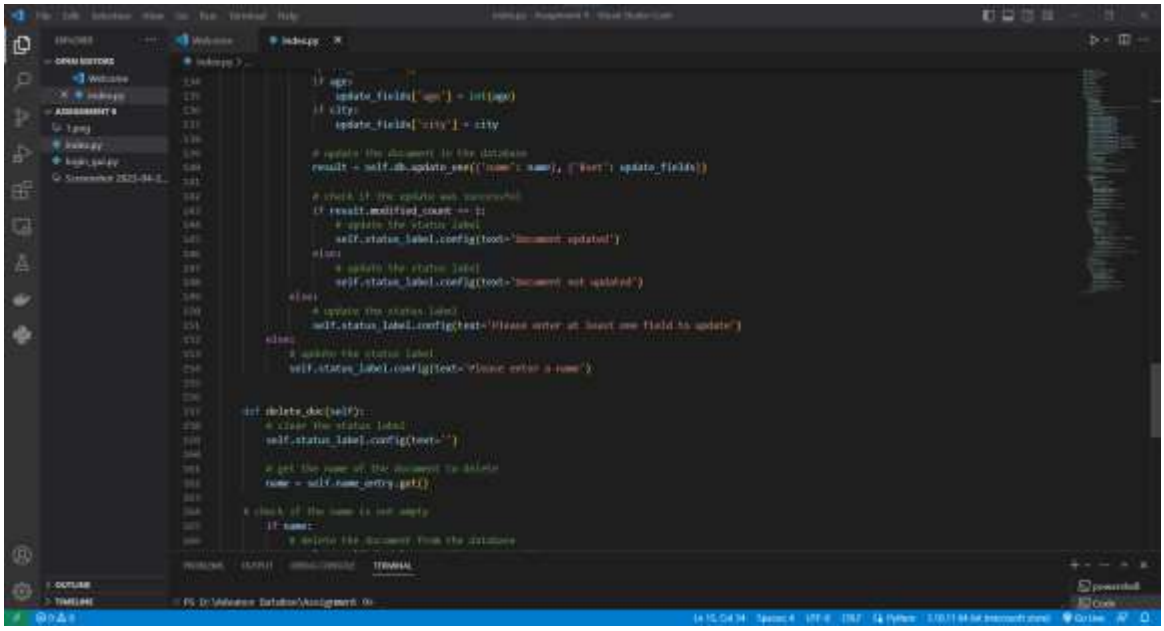
Name : Ritesh Pawar
PRN : 2020BTECS00068



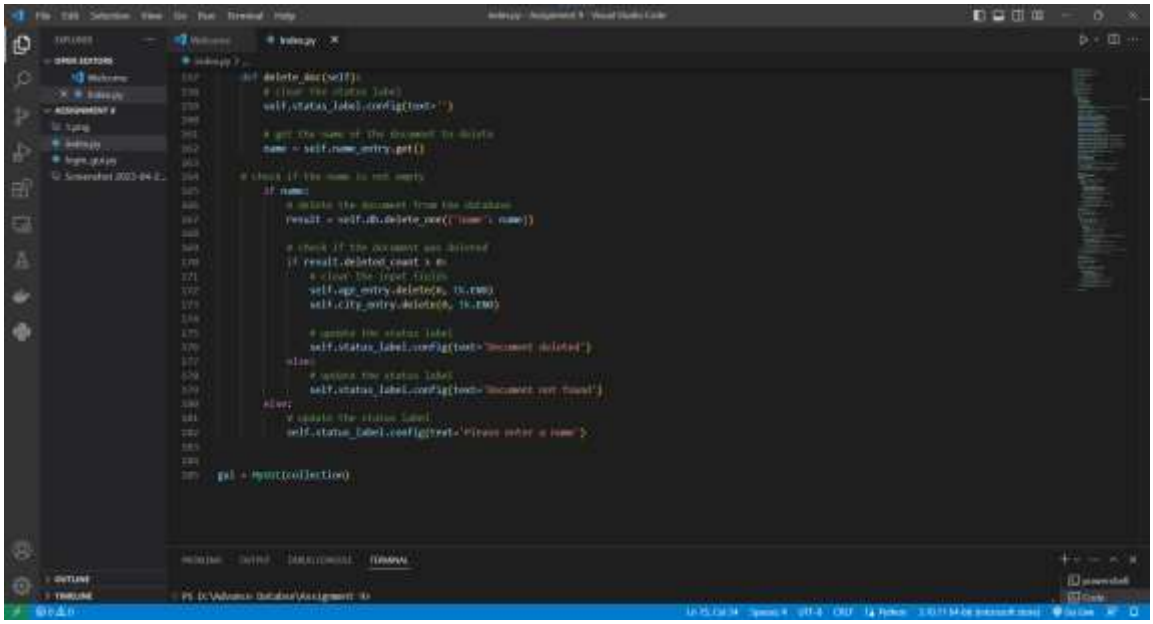


Name : Ritesh Pawar
PRN : 2020BTECS00068





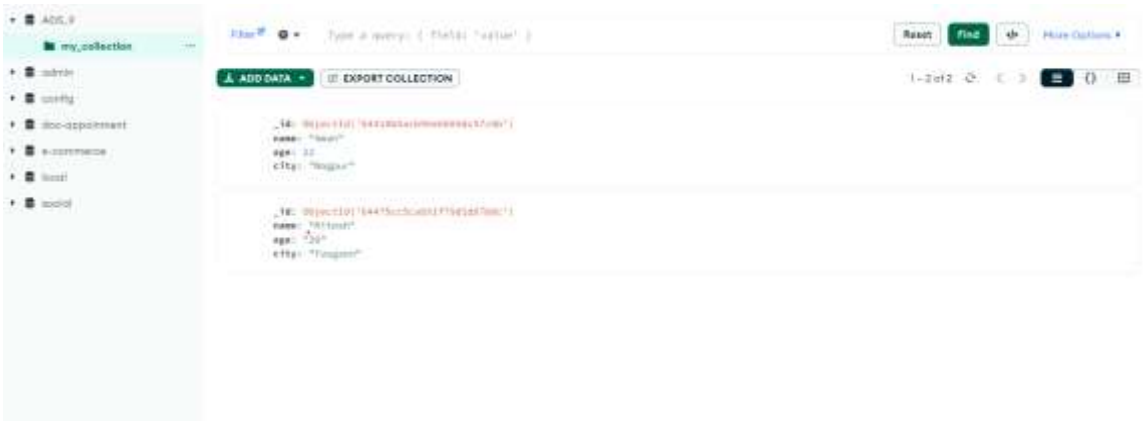
Name : Ritesh Pawar
PRN : 2020BTECS00068



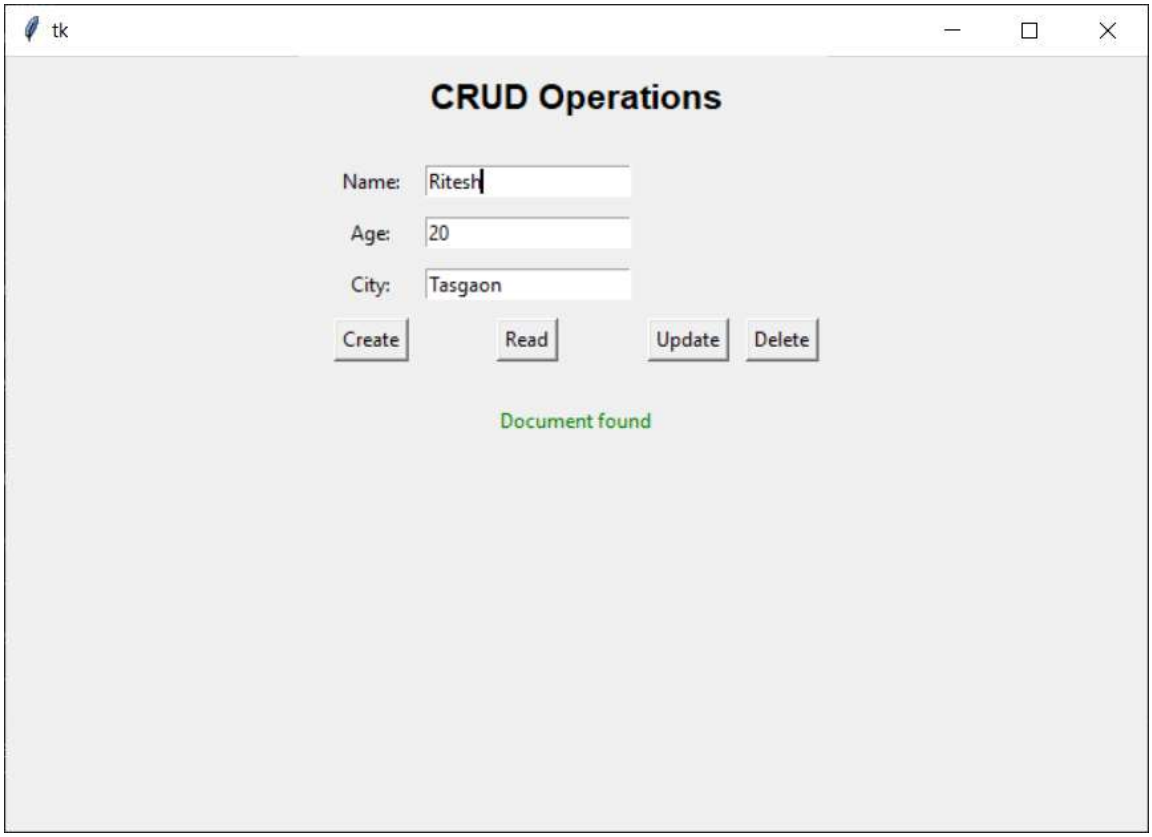
Result:

1.CREATE

Name : Ritesh Pawar
PRN : 2020BTECS00068



2.Read:



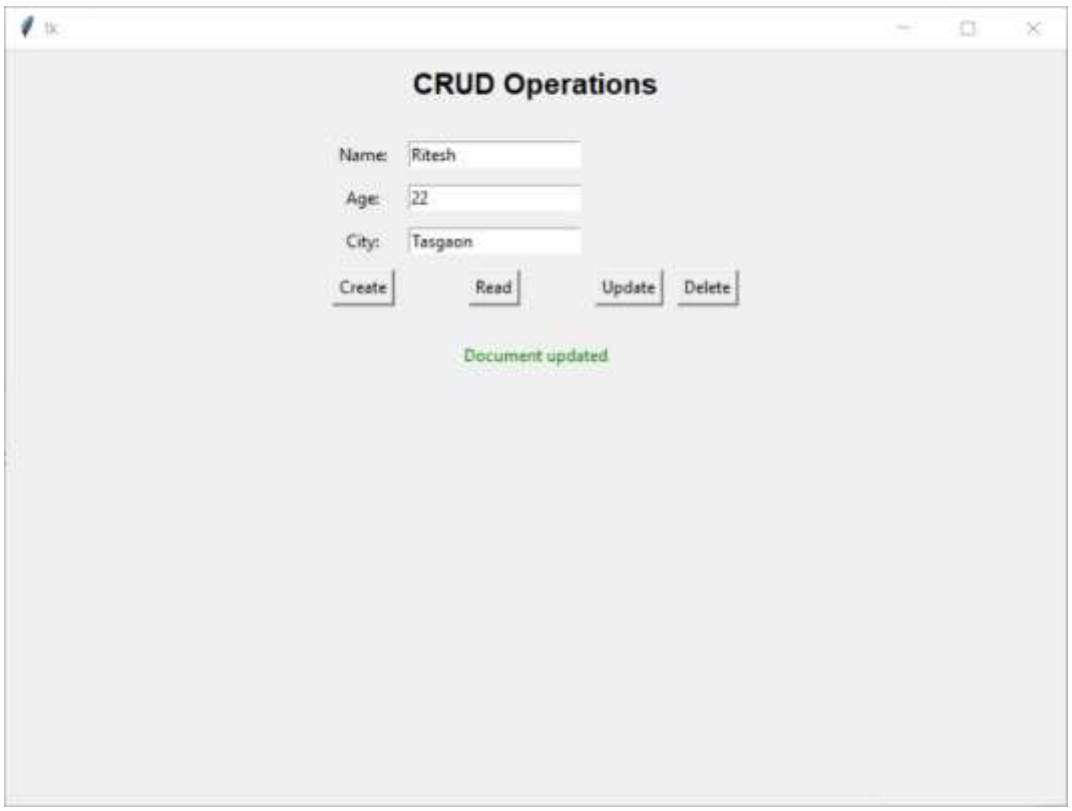
3.Update:

Before Update:

```
_id: ObjectId('64475cc5ca891f79d1d87b0c')
name: "Ritesh"
age: 20
city: "Tasgaon"
```

Name : Ritesh Pawar
PRN : 2020BTECS00068

After Update**:**




```
_id: ObjectId('64475cc5ca891f79d1d87b0c')
name: "Ritesh"
age: 22
city: "Tasgaon"
```

4.Delete:

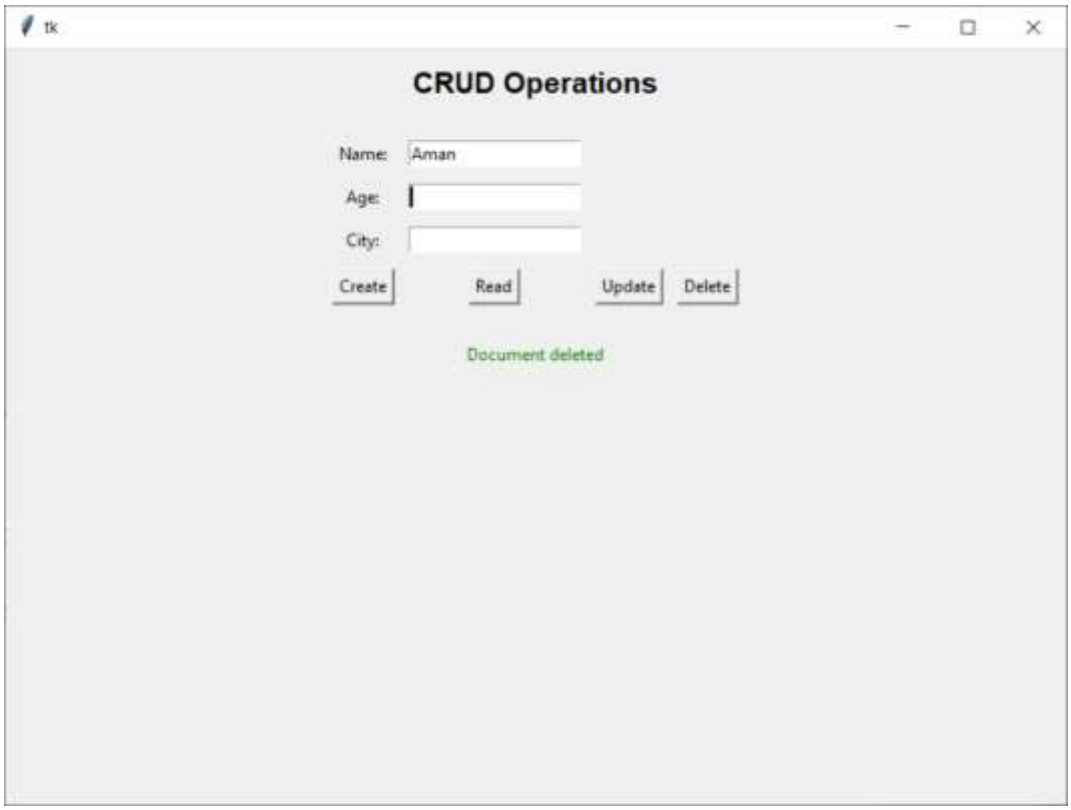
Before Delete**:**

Name : Ritesh Pawar
PRN : 2020BTECS00068

```
_id: ObjectId('64410b5acb96e6609dc57c0b')
name: "Aman"
age: 22
city: "Nagpur"
```

```
_id: ObjectId('64475cc5ca891f79d1d87b8c')
name: "Ritesh"
age: 20
city: "Tasgaon"
```

After Delete**:**




```
_id: ObjectId('64475cc5ca891f79d1d87b8c')
name: "Ritesh"
age: 20
city: "Tasgaon"
```

Dr. B. F. Momin
Course Coordinator