**INPUT**

from pymongo import MongoClient

try:

    conn = MongoClient()

except:

    print("Could not connect to MongoDB")

db = conn.test

collection = db.t1

while(1):

    print("MENU:\n1. INSERT\n2. UPDATE\n3. DELETE\n4. SHOW TABLE\n5. EXIT\n")

    ch=int(input("ENTER CHOICE: "))

    if ch==1:

        rollno=input("ENTER ROLL NO: ")

        name=input("ENTER NAME: ")

        marks=input("ENTER MARKS: ")

        record = {

          "rollno": rollno,

          "name": name,

          "marks": marks }

        collection.insert\_one(record)

    elif ch==2:

        rollno=input("ENTER ROLL NO: ")

        marks=input("ENTER MARKS: ")

        filter = { 'rollno': rollno }

        newvalues = { "$set": { 'marks': marks } }

        collection.update\_one(filter, newvalues)

    elif ch==3:

        rollno=input("ENTER ROLL NO: ")

        collection.delete\_one({"rollno" : rollno})

    elif ch==4:

        cursor = collection.find()

        for record in cursor:

            print(record)

    elif ch==5:

        exit()

**OUTPUT**

admin1@admin1-HP-280-Pro-G6-Microtower-PC:~/T1/3318/assignment14 mongodb connectivity$ python3 4.py

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 3

ENTER ROLL NO: 1

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 4

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 1

ENTER ROLL NO: 1

ENTER NAME: RAM

ENTER MARKS: 45

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 4

{'\_id': ObjectId('65321d7f515c1a422b14835e'), 'rollno': '1', 'name': 'RAM', 'marks': '45'}

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 1

ENTER ROLL NO: 1

ENTER NAME: SHAM

ENTER MARKS: 76

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 4

{'\_id': ObjectId('65321d7f515c1a422b14835e'), 'rollno': '1', 'name': 'RAM', 'marks': '45'}

{'\_id': ObjectId('65321d89515c1a422b14835f'), 'rollno': '1', 'name': 'SHAM', 'marks': '76'}

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 3

ENTER ROLL NO: 1

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 4

{'\_id': ObjectId('65321d89515c1a422b14835f'), 'rollno': '1', 'name': 'SHAM', 'marks': '76'}

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 5

admin1@admin1-HP-280-Pro-G6-Microtower-PC:~/T1/3318/assignment14 mongodb connectivity$ python3 4.py

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 4

{'\_id': ObjectId('65321d89515c1a422b14835f'), 'rollno': '1', 'name': 'SHAM', 'marks': '76'}

MENU:

1. INSERT

2. UPDATE

3. DELETE

4. SHOW TABLE

5. EXIT

ENTER CHOICE: 5