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| 15)Create the following collection in mongodb  Student(rollno,name,address,contact\_no,department)  Write a menu driven program in python to connect with the database and to perform the following operation:    1. Insert details of the student  2. Update the address of John to Dwarka  3. Display the students information  4. Delete a student’s record |

from pymongo import MongoClient

client=MongoClient()

client.database\_names()

db=client.st #st-> name of database

ch=0

while(ch!=5):

print("1.insert 2.delete 3.retrive 4.update 5.exit")

ch=input("\nenter your choice: ")

if(ch=='1'):

rollno=input("\nenter roll no.: ")

roll=int(rollnos)

name=input("\nenter name: ")

address=input("\nenter addr: ")

contno=input("\nenter contact no.: ")

department=input("\nenter dept: ")

db.TEA.insert({'rollno':rollno,'name':name,'address':address,'contno':contno,'department':department})

print("inserted")

elif(ch=='2'):

rollno=input("\nenter rollno. of record to be deleted: ")

rollno=int(rollno)

db.TEA.remove({'rollno':rollno})

print("deleted")

elif(ch=='3'):

name=input("\nenter name to be retrieved: ");

rec=db.TEA.find\_one({'name':name})

print(rec)

elif(ch=='4'):

oldname=input("\nenter name of record to be updated: ")

rollno=input("\nenter new rollno. ")

rollno=int(rollno)

name=input("\nenter new name: ")

address=input("\nenter new address: ")

contno=input("\nenter new contact no.: ")

department=input("\nnenter new dept: ");

db.TEA.update({'name':oldname},{'$set':{'rollno':rollno,'name':name,'address':address,'department':department}})

print("updated")