import pymongo

from bson import ObjectId

# connected database

connection = pymongo.MongoClient('localhost', 27017)

# create database

database = connection['dbase']

# create collection

collection = database['table']

print("database connected")

def insert\_record(data):

document = collection.insert\_one(data)

return document.inserted\_id

def update\_or\_create(document\_id, data):

document = collection.update\_one({'id': ObjectId(document\_id)}, {"$set": data}, upsert=True)

return document.acknowledged

def update\_existing(document\_id, data):

document = collection.update\_one({'\_id': ObjectId(document\_id)}, {"$set": data})

return document.acknowledged

def get\_single\_record(document\_id):

data = collection.find\_one({'\_id': ObjectId(document\_id)})

return data

def remove\_record(document\_id):

document = collection.delete\_one({'\_id': ObjectId(document\_id)})

return document.acknowledged

connection.close()

# insert record

data = {"name": "shyju", "place": "kerala"}

id = insert\_record(data)

print(id)

# retrieve specific record

document\_id = '60743b2e5c95be1d23dc8465'

record = get\_single\_record(document\_id)

print(record)

# update specific

document\_id = '60743b2e5c95be1d23dc8465'

data = {'name': 'denny'}

ack = update\_existing(document\_id, data)

print(ack)

document\_id = '60743ac53390d2d29b6fa381'

data = {'name': 'sijin', 'place': 'goa'}

ack = update\_or\_create(document\_id, data)

print(ack)

document\_id = '60743b2e5c95be1d23dc8465'

ack = remove\_record(document\_id)

print(ack)