

- 1.1 <https://replit.com/@thebrrr2505/11?v=1>
- 1.2 <https://replit.com/@thebrrr2505/12?v=1>
- 1.3 <https://replit.com/@thebrrr2505/13?v=1>
- 1.4 <https://replit.com/@thebrrr2505/14?v=1>

- 2.1 <https://replit.com/@thebrrr2505/21?v=1>
- 2.2 <https://replit.com/@thebrrr2505/22?v=1>
- 2.3 <https://replit.com/@thebrrr2505/23?v=1>

```
myshinynewbd> use admin
switched to db admin
admin> db.createUser({user: "myUserAdmin", pwd: "abc123", roles: [{role: "userAdminAnyDatabase", db: "admin"}, "readWriteAnyDatabase"]})
{ ok: 1 }
admin> use myshinynewbd
switched to db myshinynewbd
myshinynewbd> db.createUser({user: "myUserAdmin", pwd: "abc123", roles: [{role: "userAdminAnyDatabase", db: "admin"}, "readWriteAnyDatabase"]})
MongoServerError: Could not find role: readWriteAnyDatabase@myshinynewbd
myshinynewbd> db.user.insert({name: "Ada Lovelace", age: 205})
DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.
{
  acknowledged: true,
  insertedIds: { '_id': ObjectId('657c667913b24b51264369bc') }
}
myshinynewbd> 
```

```
from pymongo import MongoClient


class MongoDBContextManager:
    def __init__(self, db_name, user, password):
        self.db_name = db_name
        self.client = MongoClient(username=user, password=password)
        self.db = self.client[self.db_name]

    def __enter__(self):
        return self.db

    def __exit__(self, exc_type, exc_value, exc_traceback):
        self.client.close()

# Используйте менеджер контекста для подключения к MongoDB и поиска записи
with MongoDBContextManager('myshinynewbd', 'myUserAdmin', 'abc123') as db:
    user_collection = db['user']
    user_record = user_collection.find({'age': 205})
    for record in user_record:
        print(record)
```

```
main x
"C:\Users\hp\Desktop\Работы1\2 курс\Прог\MongoDB\venv\Scripts\python.exe" "C:/Users/hp/Desktop/main.py"
{'_id': ObjectId('657c667913b24b51264369bc'), 'name': 'Ada Lovelace', 'age': 205}
```