Name: Suihin Wong

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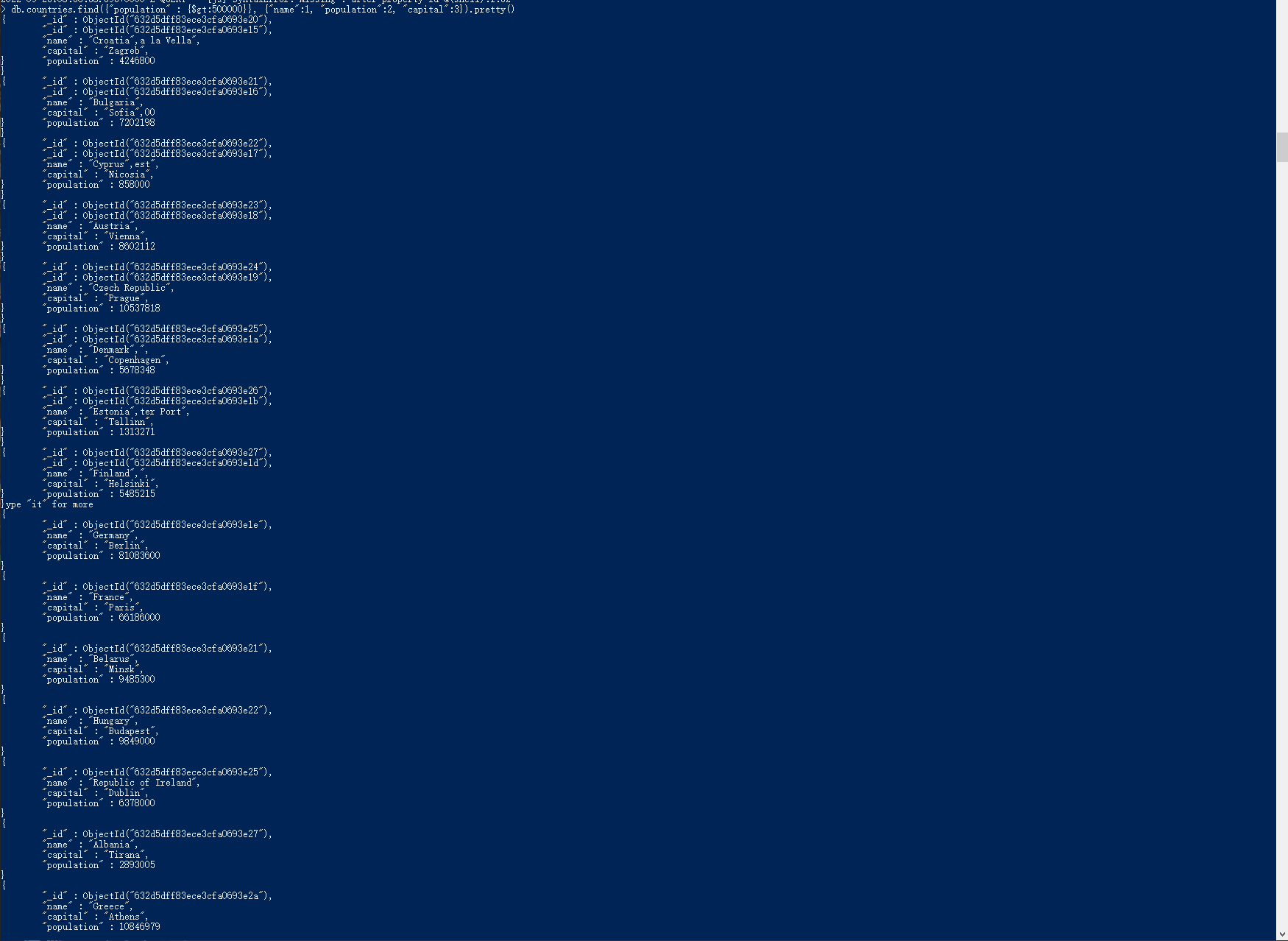
1.

db.countries.find({}, {"name":1, "population":2, "capital":3}).pretty()



2.

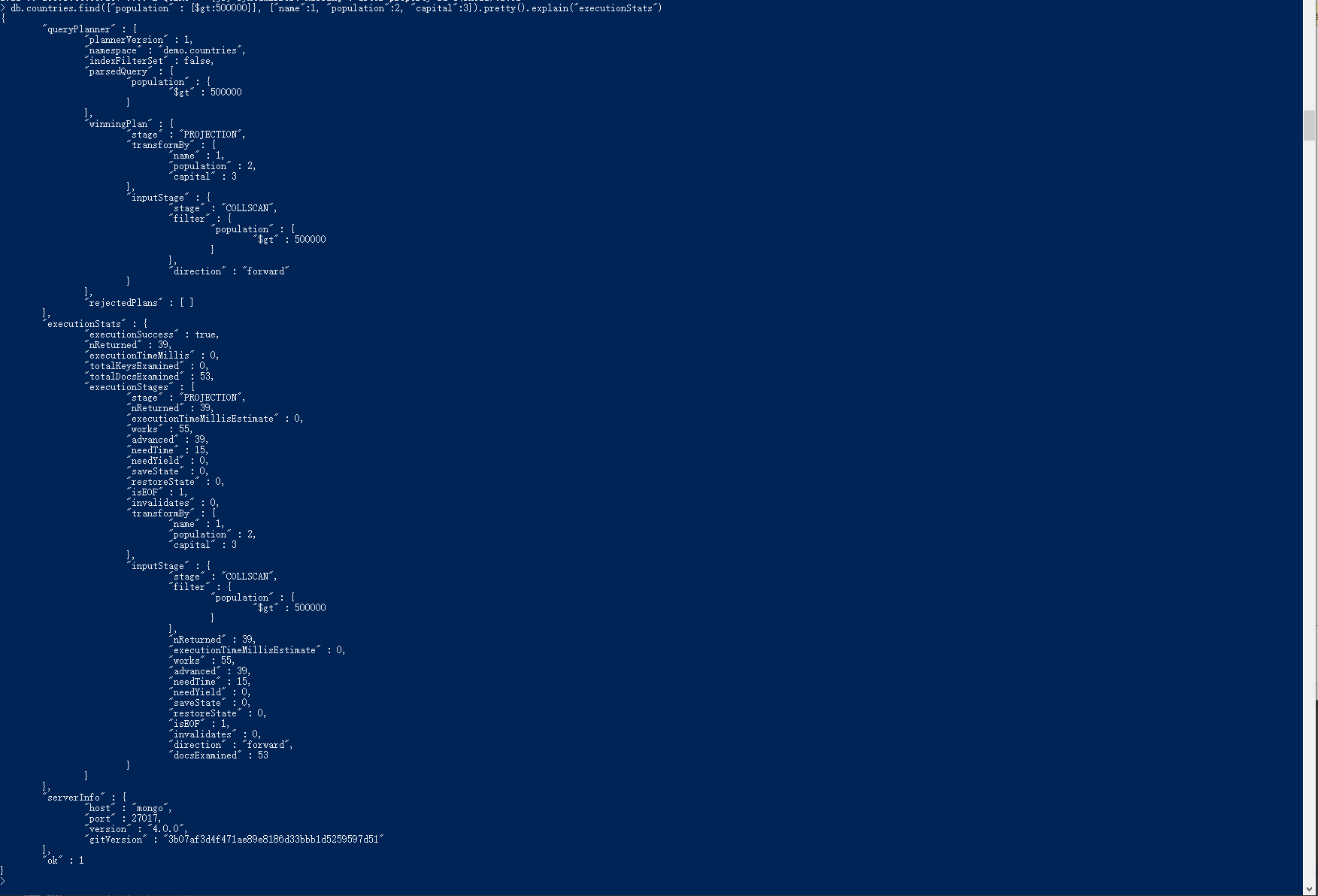
db.countries.find({"population" : {$gt:500000}}, {"name":1, "population":2, "capital":3}).pretty()



3.

db.countries.find({"population" : {$gt:500000}}, {"name":1, "population":2, "capital":3}).pretty().explain("executionStats")

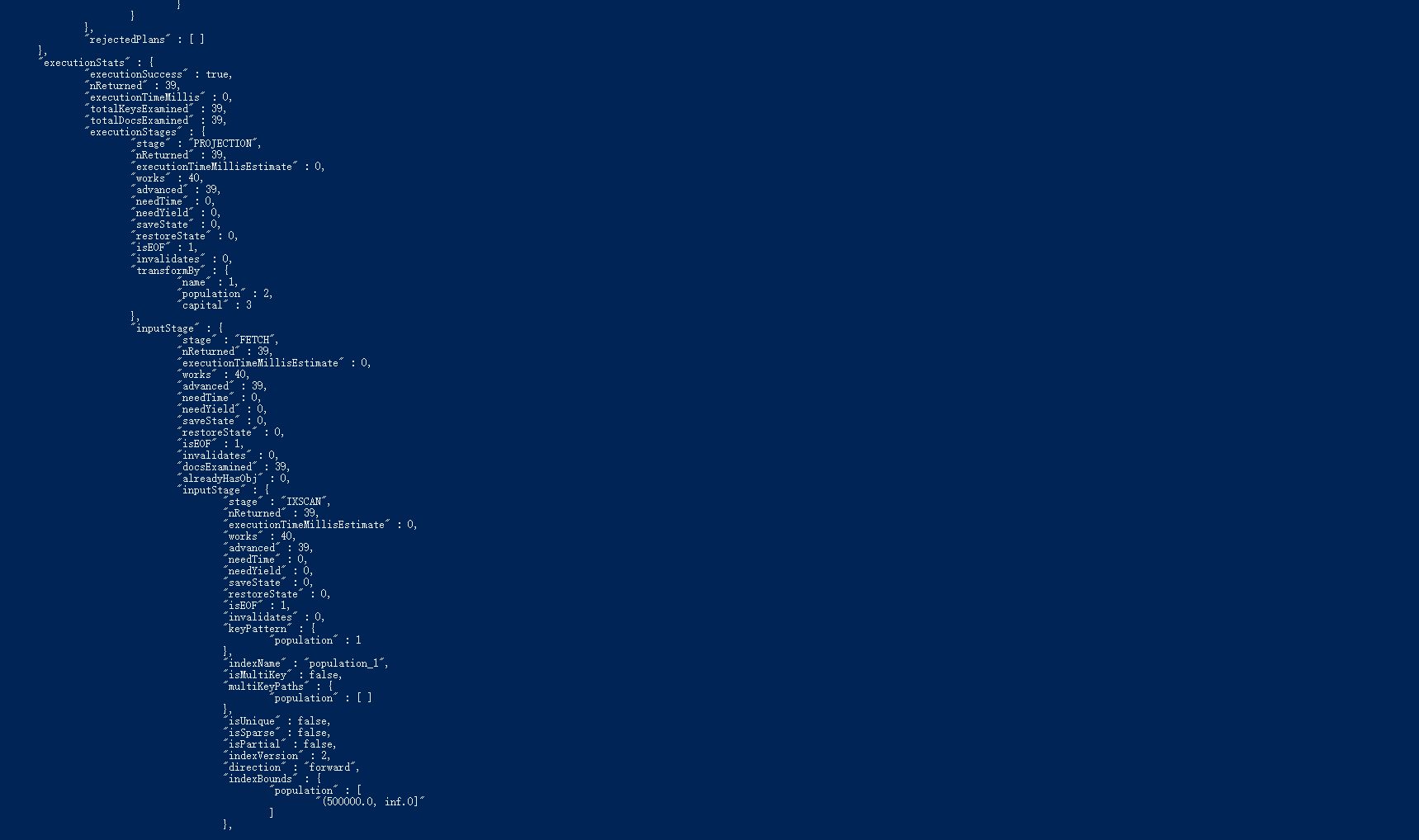
53 totaldocs examined



db.countries.createIndex({"population":1})

db.countries.find({"population" : {$gt:500000}}, {"name":1, "population":2, "capital":3}).pretty().explain("executionStats")

39 totalDocsExamined



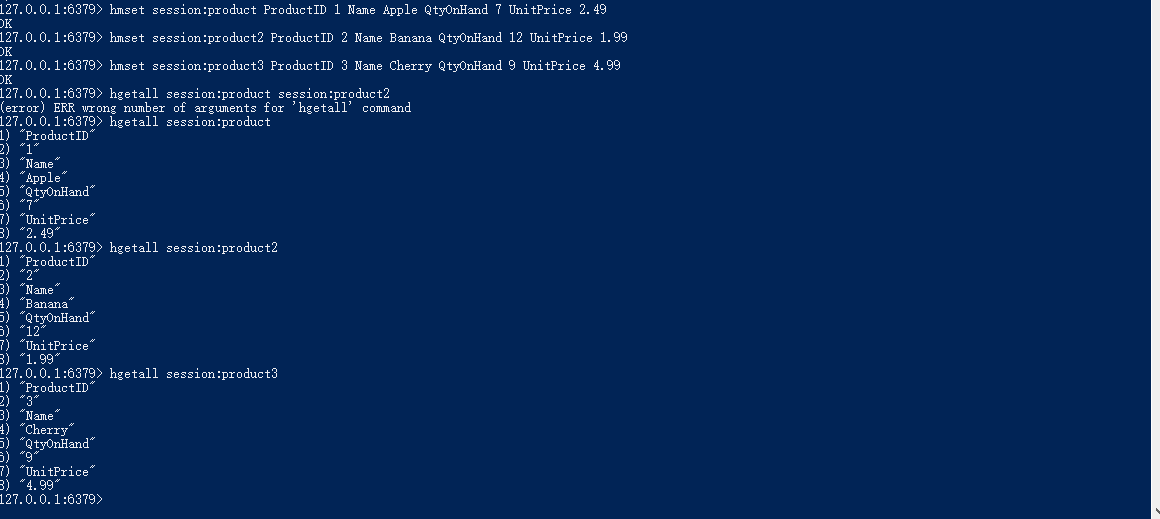
4.

lists

hmset session:product ProductID 1 Name Apple QtyOnHand 7 UnitPrice 2.49

hmset session:product2 ProductID 2 Name Banana QtyOnHand 12 UnitPrice 1.99

hmset session:product3 ProductID 3 Name Cherry QtyOnHand 9 UnitPrice 4.99



5.

Order sets

zadd app:snowfall 97 Syracuse 68 Rochester 84 Buffalo

zrange app:snowfall 0 -1 withscores

zadd app:snowfall incr 10 Buffalo

zrange app:snowfall 0 -1 withscores

