Solution to MongoDB Activity

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>>> import pymongo

# Connecting to the database
>>> from pymongo import MongoClient
>>> client = MongoClient('localhost', 27017)
# show existing databases
>>> client.database_names()

# Create a new database or use an existing database and show its collections
>>> db = client.peopledb
>>> db.collection_names()
[]



# Create a new collection or use an existing collection
>>> peoplecoll = db.people

>>> peoplelist = [{ "name": "Britney Sykes", "age": 21 , 'position':'Guard'}, { "name":
"Briana Day", "age": 21, 'position':'Center'}, { "name": "Alexis Peterson", "age": 21,
'position':'Guard' }, { "name": "Gabby Cooper", "age": 18, 'position':'Guard'}]

>>> peoplecoll.insert(peoplelist)
[ObjectId('58cff3e164a4f302cd1bcb20'), ObjectId('58cff3e164a4f302cd1bcb21'),
ObjectId('58cff3e164a4f302cd1bcb22'), ObjectId('58cff3e164a4f302cd1bcb23')]
```

Let’s fetch all the documents again:

```
>>> docs = peoplecoll.find()
```

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>>> for doc in docs:
...   print(doc)
...
{'age': 21, 'name': 'Britney Sykes', '_id': ObjectId('58cff3e164a4f302cd1bcb20'),
'position': 'Guard'}
{'age': 21, 'name': 'Briana Day', '_id': ObjectId('58cff3e164a4f302cd1bcb21'), 'position':
'Center'}
{'age': 21, 'name': 'Alexis Peterson', '_id': ObjectId('58cff3e164a4f302cd1bcb22'),
'position': 'Guard'}
{'age': 18, 'name': 'Gabby Cooper', '_id': ObjectId('58cff3e164a4f302cd1bcb23'),
'position': 'Guard'}
# find all the documents where the position field has value ‘Guard’
>>> results = peoplecoll.find({'age':{’$lt’:21}})
>>> for result in results:
...   print(result)
...
{'_id': ObjectId('5ac940168f5b16196cd3eb5d'), 'name': 'Briana Day', 'age': 19, 'position':
'Center'}
{'_id': ObjectId('5ac940168f5b16196cd3eb5f'), 'name': 'Gabby Cooper', 'age': 18,
'position': 'Guard'}
```