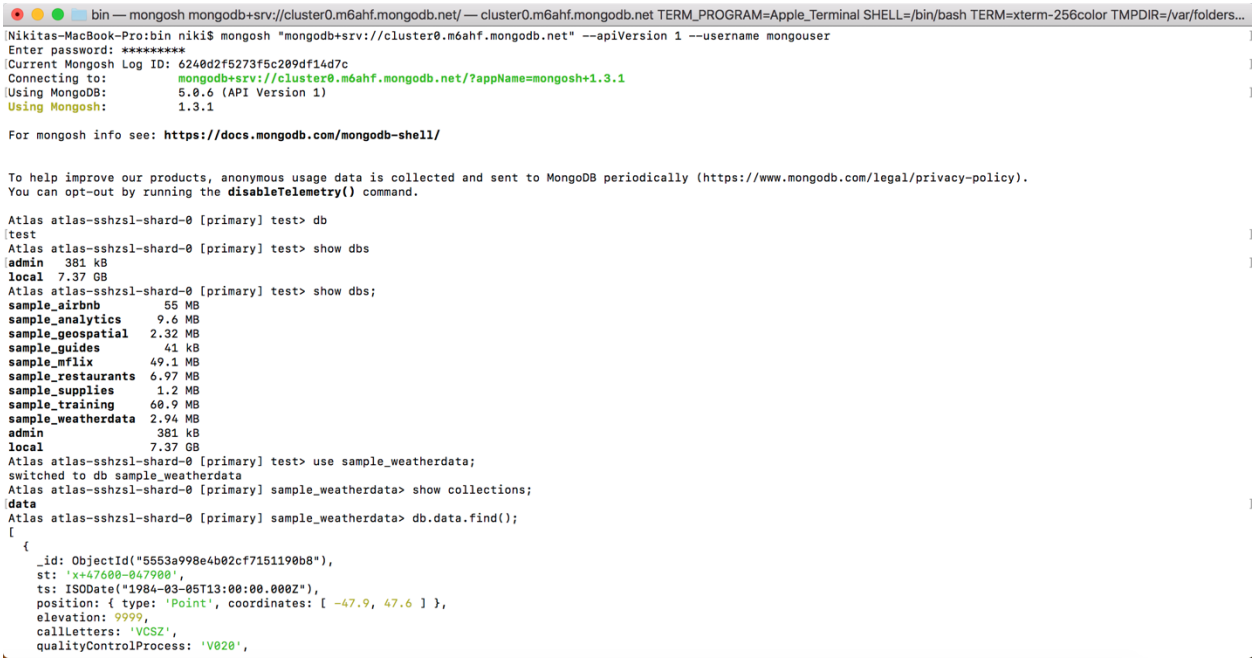
Connecting to the shell with:

```
mongosh "mongodb+srv://cluster0.m6ahf.mongodb.net" --apiVersion 1 --username mongouser
```

1. **Using your `mongo` shell, list your databases, select the `sample_weatherdata` set, then show collections within that:**



Showing the Completion of Exercise 1, with the inserted document being found using search and it's object ID:

6. Finally, using the code below insert a new document. After insertion, can you retrieve this document?

```
... });
Browserslist: caniuse-lite is outdated. Please run:
  npx browserslist@latest --update-db
  Why you should do it regularly: https://github.com/browserslist/browserslist#browsers-data-updating
{
  acknowledged: true,
  insertedId: ObjectId("6240d80676e322d1e3848df5")
}
Atlas atlas-sshzsl-shard-0 [primary] sample_weatherdata> db.data.find().sort({_id:-1}).limit(1);
[
  {
    _id: ObjectId("6240d80676e322d1e3848df5"),
    st: 'x+85600-124000',
    ts: ISODate("1984-03-07T13:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -124, 85.6 ] },
    elevation: 8787,
    callLetters: 'ROBZ',
    qualityControlProcess: 'V020',
    dataSource: '3',
    type: 'FM-13',
    airTemperature: { value: -22.9, quality: '1' },
    dewPoint: { value: -24.9, quality: '1' },
    pressure: { value: 1000.2, quality: '1' },
    wind: {
      direction: { angle: 270, quality: '1' },
      type: 'N',
      speed: { rate: 7, quality: '1' }
    },
    visibility: {
      distance: { value: 7000, quality: '1' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: { ceilingHeight: { value: 760, quality: '1', determination: 'C' } }
  }
]
Atlas atlas-sshzsl-shard-0 [primary] sample_weatherdata> db.data.find(ObjectId("6240d80676e322d1e3848df5")).pretty()
[
  {
    _id: ObjectId("6240d80676e322d1e3848df5"),
    st: 'x+85600-124000',
    ts: ISODate("1984-03-07T13:00:00.000Z"),
    position: { type: 'Point', coordinates: [ -124, 85.6 ] },
    elevation: 8787,
    callLetters: 'ROBZ',
    qualityControlProcess: 'V020',
    dataSource: '3',
    type: 'FM-13',
    airTemperature: { value: -22.9, quality: '1' },
    dewPoint: { value: -24.9, quality: '1' },
    pressure: { value: 1000.2, quality: '1' },
    wind: {
      direction: { angle: 270, quality: '1' },
      type: 'N',
      speed: { rate: 7, quality: '1' }
    },
    visibility: {
      distance: { value: 7000, quality: '1' },
      variability: { value: 'N', quality: '9' }
    },
    skyCondition: { ceilingHeight: { value: 760, quality: '1', determination: 'C' } }
  }
]
Atlas atlas-sshzsl-shard-0 [primary] sample_weatherdata>
```