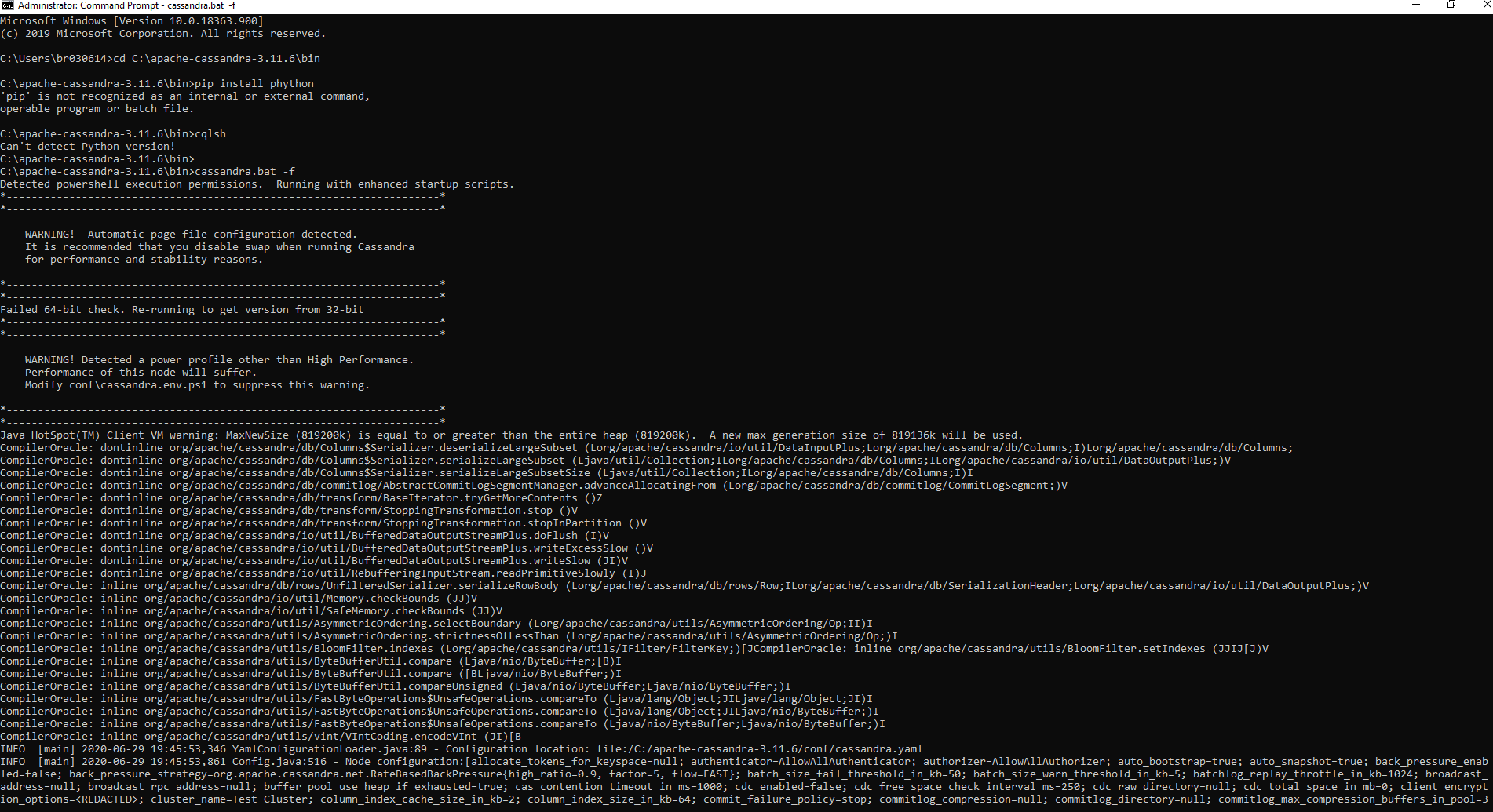
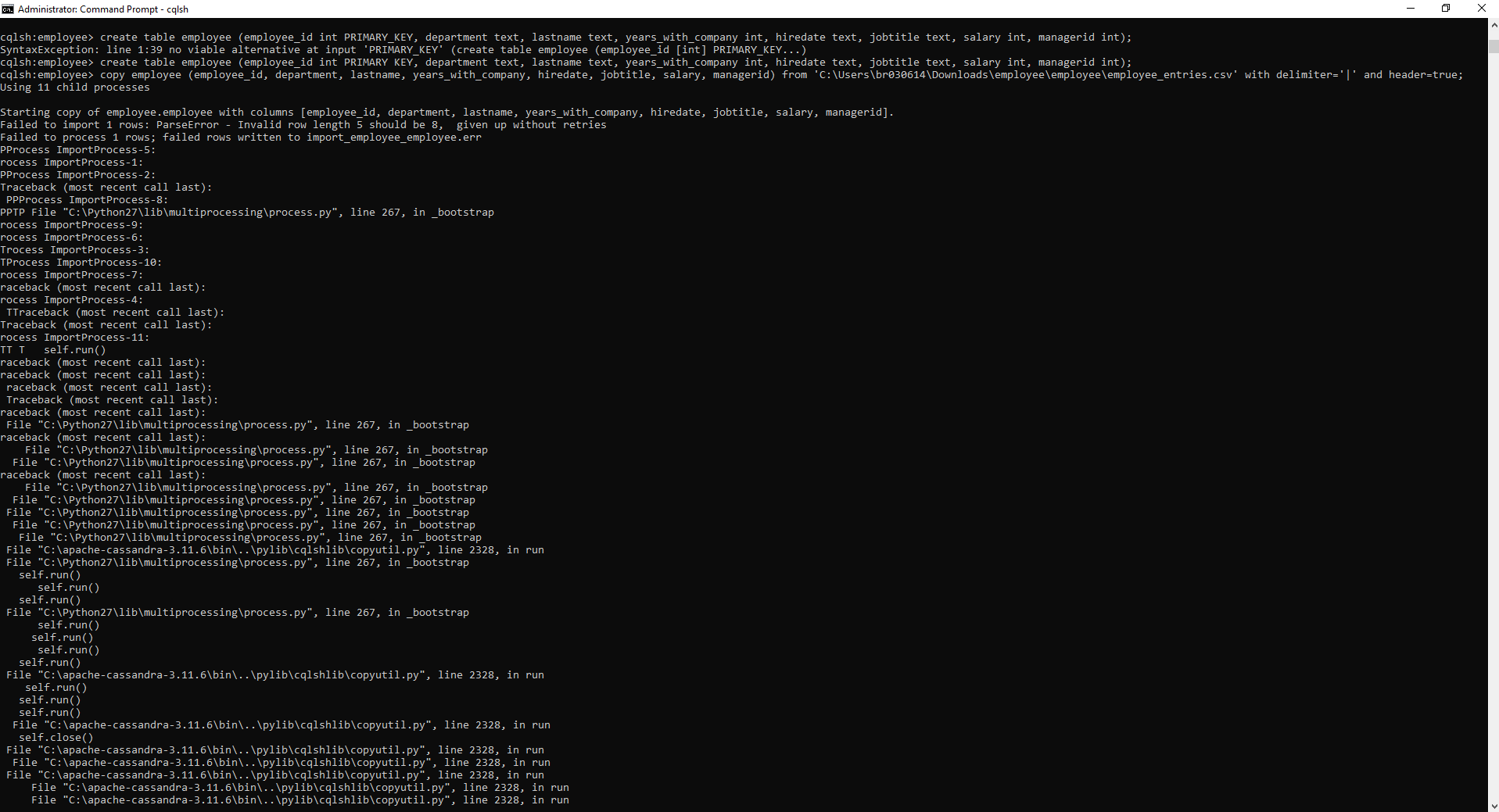
After installing JDK, Python, and Cassandra, I started the Cassandra server



Creating the employee keyspace:



Creating the emp table in the employee keyspace



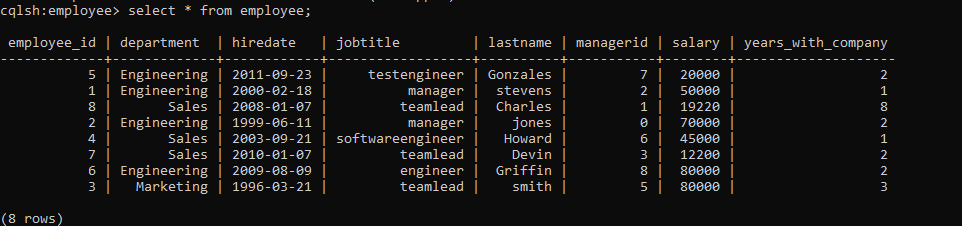
cqlsh> create keyspace employee with replication={'class':'SimpleStrategy', 'replication\_factor':1};

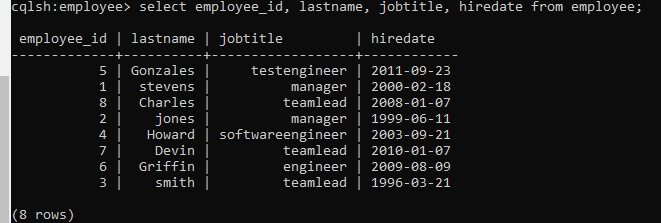
cqlsh> use employee;

cqlsh:employee> create table employee (employee\_id int PRIMARY KEY, department text, lastname text, years\_with\_company int, hiredate text, jobtitle text, salary int, managerid int);

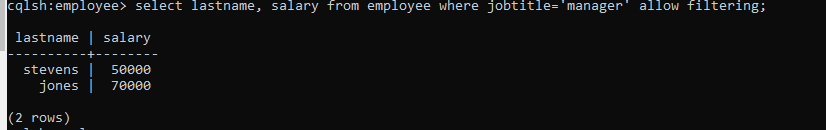
cqlsh:employee> copy employee (employee\_id, department, lastname, years\_with\_company, hiredate, jobtitle, salary, managerid) from 'C:\Users\br030614\Downloads\employee\employee\employee\_entries.csv' with delimiter='|' and header=true;

cqlsh:employee> select \* from employee;



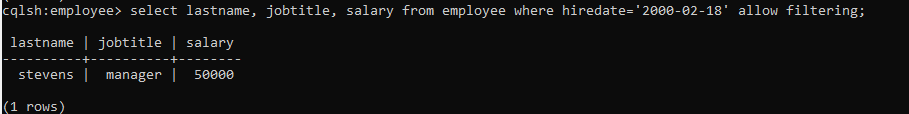


cqlsh:employee> select employee\_id, lastname, jobtitle, hiredate from employee;

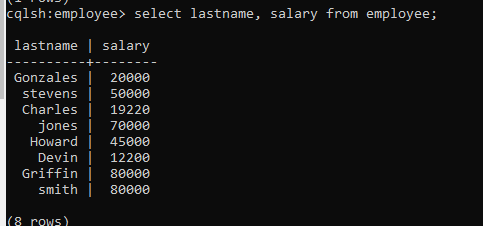


cqlsh:employee> select lastname, salary from employee where jobtitle='manager' allow filtering;

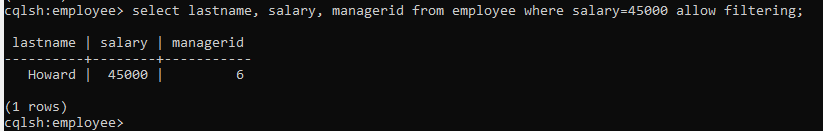
changed to manager as there are no clerks



cqlsh:employee> select lastname, jobtitle, salary from employee where hiredate='2000-02-18' allow filtering;



cqlsh:employee> select lastname, salary from employee;



cqlsh:employee> select lastname, salary, managerid from employee where salary=45000 allow filtering;