**Steps to install Cassandra:**

**Step1**: Make sure jdk1.8+ is install and path (JAVA\_HOME) is set in env.

**Step1**: Make sure python2.7 is install and path is set in env.

**Step2**: Extract **apache-cassandra-3.11.4-bin.tar.gz** (you can find this at \\ivl-srv1\VZ Soft)

**Step3**: In extracted file open, **bin \cassandra.bat**

                Edit: (append on line 23) set JAVA\_HOME = <your java home path>

**Step4**: Open, **bin\nodetool.bat**

                Edit: (append on line 16) set JAVA\_HOME = <your java home path>

**Step5**: Add Cassandra’s **\bin** path directory to env variable

**Step6**: open new command prompt

                Type: Cassandra -f

                (this will start Cassandra process)

**Step7**: open new command prompt

Type: nodetool status

Type: cqlsh

(this will start cqlsh)

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**To create keyspace and table in cqlsh (Cassandra) follow the following steps,**

Open **cqlsh** as mentioned above.  
  
**cqlsh>** create keyspace javafrm with replication={‘class’:’SimpleStrategy’,’replication\_factor’:3};  
 (This will create javafrm keyspace)

**cqlsh>** use javafrm;

(This will start using created javafrm keyspace)

**cqlsh>** describe keyspace;

(This will show created javafrm keyspace)

**cqlsh>** CREATE TABLE employee (id int PRIMARY KEY, firstname text, lastname text);

(This will create employee table with specified attributes.)

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