Exercise 5.1: Creating Secondary Indexes

In this exercise, you will:

- Create a secondary index on a table

Background

Based on surveys, focus groups and other user feedback, Killrvideo has learned that users want to be able to determine an actor's name based on the video the actor appeared in and the name of the character that actor played. Also, sometimes they want to determine the actor's name based on the character's name alone because they don't recall the name of the movie. Although secondary indexes aren't a best practice, you have been studying the topic and know that this is one instance where a secondary index could make sense for this need.

Steps

1. Navigate to '/home/ubuntu/labwork/final'.

2. Launch 'cqlsh' and switch to 'killr_video' keyspace.

3. Create a secondary index on the actors_by_video table using the following syntax:

- CREATE INDEX [index name] ON [table name]([field name])

4. Query the table as follows to validate your work:

- Search for all rows where the video_id = 87c645e8-0ef2-11e5-98f3-8438355b7e3a AND the character is named Kelly La Fonda.

- Search for all rows where the character name is George McFly.