



Exercise 1 - Create Keyspace

Create a keyspace named training using SimpleStrategy and replication factor of 3.

- ▶ [Click here for Hint](#)
- ▶ [Click here for Solution](#)

Exercise 2 - Create a table

The below command creates a table named movies, in the training keyspace. The movies table has three columns:

- movie_id is an integer and is the primary key.
- movie_name is a text column.
- year_of_release is an integer.

On the cassandra client run the below command.

```
1. 1
2. 2
3. 3
4. 4
5. 5
6. 6

1. use training;
2. CREATE TABLE movies(
3. movie_id int PRIMARY KEY,
4. movie_name text,
5. year_of_release int
6. );
```

Copied!

Verify that the table got created by listing all tables.

```
1. 1

1. describe tables;
```

Copied!

Exercise 3 - Describe a table

In the previous exercise you created a table named movies.

Let us print more details of it using the describe command.

Describe the table.

- 1
1. describe movies

Copied!

Exercise 4 - Alter a table

In a previous exercise you created a table named `movies`.
Let's modify it by adding a column named 'genre' which is of type 'text.'

Alter the table.

- 1
- 2
1. ALTER TABLE `movies`
2. ADD `genre text`;

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Verify the changes using the below command

- 1
1. describe `movies`;

Copied!

Exercise 5 - Drop a table

To drop the `movies` table run the below command.

- 1
1. drop table `movies`;

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Verify using the below command. You should get an error.

- 1
1. describe `movies`;

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Practice exercises

1. Problem: Create a table named `books` with 3 columns; 'book_id' which is the primary key and of integer type, 'author' which is of type text and 'title' which is of type text.

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2. Problem: Add a column `date_of_publication` which is of date type.

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- ▶ Click here for Solution

3. Problem: Add a column `price` which is of type decimal.

- ▶ Click here for Hint
- ▶ Click here for Solution

4. Problem: Drop the column `price` from the `books` table.

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5. Problem: Drop the `books` table.