Exercise 1 - Create Keyspace and Table

Create `training` keyspace

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

▶ Click here for Hint
▶ Click here for Solution

Create `movies` table

Create a table named `movies` with columns:

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

▶ Click here for Hint
▶ Click here for Solution

Exercise 2 - Insert data into a table

Let's insert a row into the table movies.

On cqlsh run the below command.

```
1. 1
2. 2
3. 3
```

```
1. INSERT into movies(
2. movie_id, movie_name, year_of_release)
3. VALUES (1,'Toy Story',1995);
```

Copied!

Verify that the data is saved.

```
1. 1
```

```
1. select * from movies;
```

Copied!

Insert the below movies into the table.

movie_id	movie_name	year_of_release
2	Jumanji	1995
3	Heat	1995
4	Scream	1995
5	Fargo	1996

▶ Click here for Solution

Exercise 3 - Read data from a table

In the previous exercise you have inserted some data into the table named `movies`.

Let's query the data in the `movies` table.

Query all rows.

```
1. 1
```

```
1. select * from movies;
```

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Query the movie name where `movie_id` is `1`.

```
1. 1
```

```
1. select movie_name from movies where movie_id = 1;
```

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Exercise 4 - Update data in a table

The `movie_id` for Scream is `4`. It was released in 1996 and not 1995.

Here is how you modify it.

```
1. 1
2. 2
3. 3
```

```
1. UPDATE movies
2. SET year_of_release = 1996
3. WHERE movie_id = 4;
```

Copied!

Verify that the update was successful.

```
1. 1
```

```
1. select * from movies where movie_id = 4;
```

Copied!

Exercise 5 - Delete data from a table

Delete the movie with the movie_id 5.

```
1. 1
2. 2
```

```
1. DELETE from movies
2. WHERE movie_id = 5;
```

Copied!

Verify using the below command.

```
1. 1
```

```
1. select * from movies;
```

Copied!