

HW 7

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1. Cassandra-1
2. us-central1-b
3. 2 vCPUs and 4 BG memory
4. 10 GB
5. 10.128.0.0/20
6. Below

```
cqlsh -u cassandra -p A2zPxtfDGrko
```

7. space_flights
8. Catalog
9. 1
- 10.

```
cassandra@cqlsh>
cassandra@cqlsh> select * from space_flights.catalog;
```

spacecraft_name	journey_id	active	end	start
vostok3	ff31b400-d46d-11a9-8080-808080808080	False	1962-08-15 06:52:00.000000+0000	1962-08-11 08:30:00.0000+0000
First instance of two manned spacecraft in orbit simultaneously.				
vostok2	5c2ac800-b191-11a8-8080-808080808080	False	1961-08-07 05:01:00.000000+0000	1961-08-06 05:00:00.0000+0000
Day-long flight. Completed 17 Earth orbits. Brief manual control by pilot.				
vostok1	805b1a00-5673-11a8-8080-808080808080	False	1961-04-12 07:55:00.000000+0000	1961-04-12 06:07:00.0000+0000
First manned spaceflight. Completed one Earth orbit.				
vostok4	403fcc00-d533-11a9-8080-808080808080	False	1962-08-15 06:59:00.000000+0000	1962-08-12 08:02:00.0000+0000
First instance of two manned spacecraft in orbit simultaneously.				

(4 rows)

- 11.

I only had 4. When copying and pasting the info I was receiving an error.

```
cassandra@cqlsh> INSERT INTO space_flights.catalog (spacecraft_name, journey_id, start, end, active, summary) VALUES ('vostok2', '5c2ac800-b191-11a8-8080-808080808080', '1961-8-6T05:00:00+0000', '1961-8-7T05:01:00+0000', False, 'Day-long flight. Completed 17 Earth orbits. Brief manual control by pilot.');
```

```
cassandra@cqlsh> INSERT INTO space_flights.catalog (spacecraft_name, journey_id, start, end, active, summary) VALUES ('mercury-atlas6', '8c7b3200-4d82-11a9-8080-808080808080', '1962-2-20T15:47:00+0000', '1962-2-20T20:42:00+0000', False, 'First American manned orbital flight. Completed three orbits.');
```

```
SyntaxException: line 1:143 mismatched character ' ' expecting set null
```

```
cassandra@cqlsh> INSERT INTO space_flights.catalog (spacecraft_name, journey_id, start, end, active, summary) VALUES ('mercury-atlas7', 'e9d69600-9685-11a9-8080-808080808080', '1962-5-24T13:45:00+0000', '1962-5-24T18:41:00+0000', False, 'First manual retrofire. Earth photography and study of liquids in weightless conditions.');
```

```
SyntaxException: line 1:143 mismatched character ' ' expecting set null
```

```
cassandra@cqlsh> INSERT INTO space_flights.catalog (spacecraft_name, journey_id, start, end, active, summary) VALUES ('vostok3', 'ff31b400-d46d-11a9-8080-808080808080', '1962-8-11T08:30:00+0000', '1962-8-15T06:52:00+0000', False, 'First instance of two manned spacecraft in orbit simultaneously.');
```

```
cassandra@cqlsh>
```

12.

```
cassandra@cqlsh> select spacecraft_name, journey_id from
... space_flights.catalog
... ;
```

spacecraft_name	journey_id
vostok3	ff31b400-d46d-11a9-8080-808080808080
vostok2	5c2ac800-b191-11a8-8080-808080808080
vostok1	805b1a00-5673-11a8-8080-808080808080
vostok4	403fcc00-d533-11a9-8080-808080808080

(4 rows)
cassandra@cqlsh> █

13.

```
cassandra@cqlsh>
cassandra@cqlsh> select * from space_flights.catalog WHERE spacecraft_name like '%mercury%';
InvalidRequest: Error from server: code=2200 [Invalid query] message="LIKE restriction is only supported on properly indexed columns. spacecraft_name LIKE '%mercury%' is not valid."
cassandra@cqlsh> █
```

14.

```
cassandra@cqlsh> select spacecraft_name, journey_id from space_flights.catalog order by spacecraft_name;
InvalidRequest: Error from server: code=2200 [Invalid query] message="ORDER BY is only supported when the partition key is restricted by an EQ or an IN."
cassandra@cqlsh> █
```