

Assignment 6.1

Problem Statement 1:-

Create a database named 'custom'.

Create a table named temperature_data inside custom having below fields:

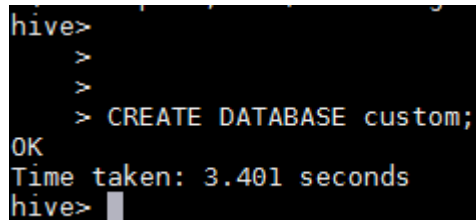
1. date (mm-dd-yyyy) format
2. zip code
3. temperature

The table will be loaded from comma-delimited file.

Load the dataset.txt (which is ',' delimited) in the table.

Solution:-

```
CREATE DATABASE custom;
```



```
hive>  
>  
>  
> CREATE DATABASE custom;  
OK  
Time taken: 3.401 seconds  
hive> █
```

```
use custom;
```

```
CREATE TABLE temperature_table
```

```
(
```

```
full_date STRING,
```

```
zip INT,
```

```
temperature INT
```

```
)
```

```
ROW FORMAT DELIMITED
```

```
FIELDS TERMINATED BY ',';
```

```
hive> use custom;
OK
Time taken: 0.038 seconds
hive> CREATE TABLE temperature_table
> (
>   full_date STRING,
>   zip INT,
>   temperature INT
> )
> ROW FORMAT DELIMITED
> FIELDS TERMINATED BY ',';
OK
Time taken: 1.785 seconds
hive> █
```

LOAD DATA LOCAL INPATH '/home/acadgild/hadoop/dataset_Session_14.txt'
INTO TABLE custom.temperature_table;

```
hive> LOAD DATA LOCAL INPATH '/home/acadgild/hadoop/dataset_Session_14.txt' INTO TABLE custom.temperature_table;
Loading data to table custom.temperature_table
OK
Time taken: 3.228 seconds
hive> █
```

Submitted by:-

Hardik Kaushik