

**1. Create a table in Hive, display the employees record after loading the data into table.**

Hive

```
show databases;
```

```
CREATE TABLE employee_records (  
    employee_id INT,  
    first_name STRING,  
    last_name STRING,  
    department STRING,  
    salary DOUBLE  
)  
ROW FORMAT DELIMITED  
FIELDS TERMINATED BY ',';
```

```
LOAD DATA LOCAL INPATH 'employee_data.txt' INTO TABLE employee_records;  
SELECT *FROM employee_records;
```

**METHOD 1**

```
CREATE TABLE employee_records (  
    employee_id INT,  
    first_name STRING,  
    last_name STRING,  
    department STRING,  
    salary DOUBLE  
)PARTITIONED BY (country STRING)  
ROW FORMAT DELIMITED  
FIELDS TERMINATED BY ',';
```

```
desc employee_records;
```

```
LOAD DATA LOCAL INPATH 'employee_data_AUS.txt' OVERWRITE INTO TABLE Employee_Info  
PARTITION(country = 'AUS');
```

```
LOAD DATA LOCAL INPATH 'employee_data_US.txt' OVERWRITE INTO TABLE Employee_Info  
PARTITION(country = 'US');
```

```
SHOW PARTITIONS employee_records;
```

**METHOD 2**

```
CREATE TABLE employee_records (  
    employee_id INT,  
    first_name STRING,  
    last_name STRING,  
    department STRING,  
    salary DOUBLE
```

```
)PARTITIONED BY (country STRING)  
ROW FORMAT DELIMITED  
FIELDS TERMINATED BY ',';
```

```
desc Employee_Info;
```

```
LOAD DATA LOCAL INPATH 'employee_data.txt' INTO TABLE Employee_Info PARTITION(country =  
'AUS');
```

```
SELECT *FROM Employee_Info;
```

```
ALTER TABLE employee_info ADD PARTITION (country='US');  
SHOW PARTITIONS employee_info;
```