CREATE DATABASE Employee;

USE Employee;

CREATE EXTERNAL TABLE IF NOT EXISTS employee\_external (

employee\_id INT,

birthday STRING,

first\_name STRING,

family\_name STRING,

gender STRING,

work\_day STRING

)

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ','

LOCATION '/workdir/employee\_data.txt';

CREATE TABLE IF NOT EXISTS employee\_internal (

employee\_id INT,

birthday STRING,

first\_name STRING,

family\_name STRING,

gender STRING,

work\_day STRING

)

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ',';

LOAD DATA LOCAL INPATH '/workdir/employee\_data.txt' INTO TABLE employee\_internal;

**5.**

CREATE TABLE employee\_internal\_partitioned (

employee\_id INT,

birthday STRING,

first\_name STRING,

family\_name STRING,

work\_day STRING

)

PARTITIONED BY (gender STRING)

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ',';

**6.**

CREATE TABLE employee\_internal\_bucketed (

employee\_id INT,

birthday STRING,

first\_name STRING,

family\_name STRING,

gender STRING,

work\_day STRING

)

CLUSTERED BY (employee\_id) INTO 10 BUCKETS

ROW FORMAT DELIMITED

FIELDS TERMINATED BY ',';

**7.**

INSERT OVERWRITE LOCAL DIRECTORY '/workdir/'

SELECT \* FROM employee\_internal\_partitioned

WHERE gender = 'Male'

ORDER BY birthday ASC

LIMIT 10;

SELECT \* FROM employee\_internal\_partitioned

WHERE gender = 'Female'

ORDER BY birthday ASC

LIMIT 10;

**9.**

DROP TABLE employee\_internal;

ALTER TABLE employee\_internal\_partitioned

ADD COLUMNS (new\_column STRING);