Overview: I'm going to use SQL\*Loader in order to import information from an external source into the Oracle Database. In this case, I have made a csv file called Product Part Names that has all the information like supplier id, part number, product name, and unit price. The goal is to add them to my table called PRODUCT\_PART\_NAMES.

Step 1: I first need to create a control file, record the path of the csv file, and what table to append it to. I name this control file as 'ProductCTL.ctl'

```
Load Data
INFILE 'C:\Users\
APPEND
INTO Table IMPORT_NEW_PRODUCTS
FIELDS TERMINATED BY ','
(SUPPLIER_ID, PART_NUMBER, PRODUCT_NAME, UNIT_PRICE
)
```

Step 2: Now that I've created my CTL file, I need to create the table in my database that will import the information from this csv file.

```
CREATE TABLE IMPORT_NEW_PRODUCTS(

SUPPLIER_ID INT,

PART_NUMBER VARCHAR2(255),

PRODUCT_NAME VARCHAR2(255),

UNIT_PRICE NUMBER(10,2)

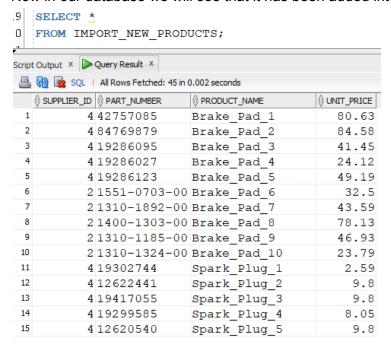
);
```

Step 3: I'll open my command prompt to run the following line. This will run the control file and import the file into my database

Command Prompt will then tell me if it was uploaded correctly. In this case, it tells me that 45 rows were loaded successfully.

```
Path used: Conventional
Commit point reached - logical record count 44
Commit point reached - logical record count 45
Table IMPORT_NEW_PRODUCTS:
45 Rows successfully loaded.
```

Now in our database we will see that it has been added into our table



Step 4: We will now add these items into the table PRODUCT\_PART\_NAMES by executing READ\_CSV\_PART\_NAMES. This will now add them into our table.

	∯ P_ID	\$SUPPLIER_ID	♦ PART_NUMBER		UNIT_PRICE
1	1	4	42757085	Brake_Pad_1	80.63
2	2	4	84769879	Brake_Pad_2	84.58
3	3	4	19286095	Brake_Pad_3	41.45
4	4	4	19286027	Brake_Pad_4	24.12
5	5	4	19286123	Brake_Pad_5	49.19
6	6	2	1551-0703-00	Brake_Pad_6	32.5

Note: I've added the procedures into my github.