

Overview: I'm going to use SQL*Loader in order to import information from an external source into the Oracle Database. In this example, I'll be using a csv file called Product Part Names that has supplier id, part number, product name, and unit price. This will explain how I import files into my database.

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.ct1'

```
Load Data
INFILE 'C:\Users\████████████████████\CSV Files\Product_Part_Names_File.csv'
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

```
sqlldr control='C:\Users\████████████████████\CSV Files\ProductCTL.ct1'
log='C:\Users\████████████████████\CSV Files\ctlLog.log'
```

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.
```