Name: Rushikesh Daund

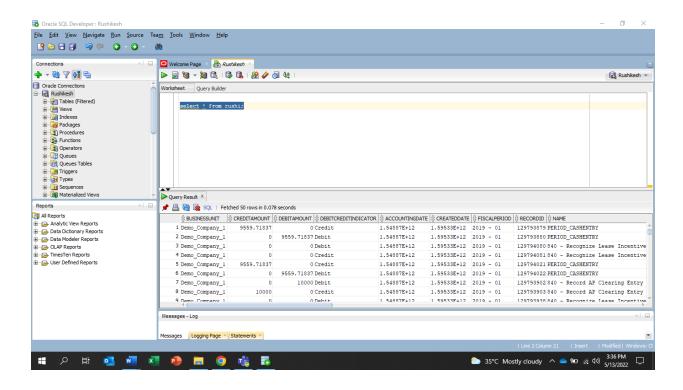
## Assignment no 4

1. Import data from file to new table.

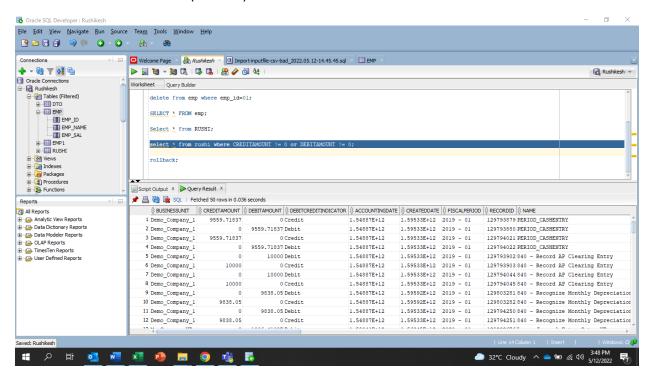


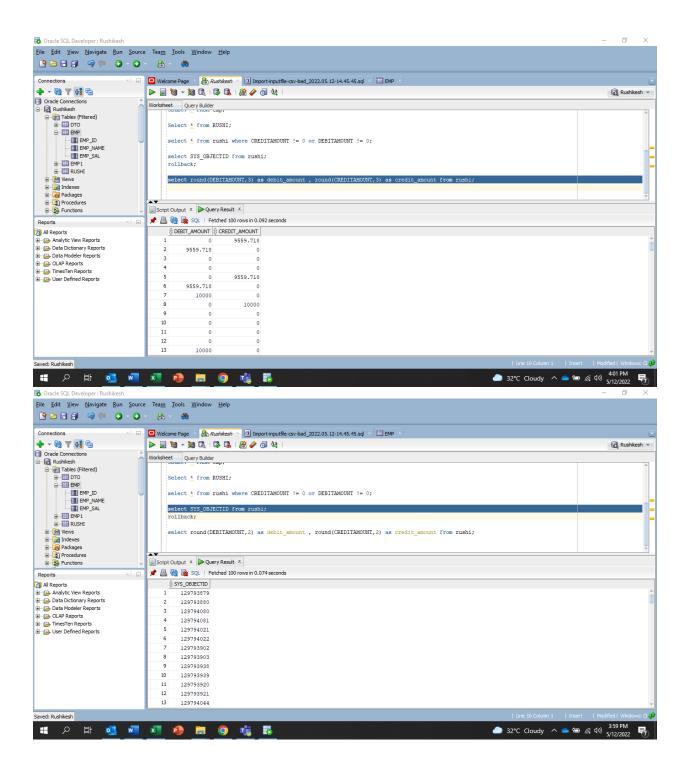
• Use above table as input for next operations.

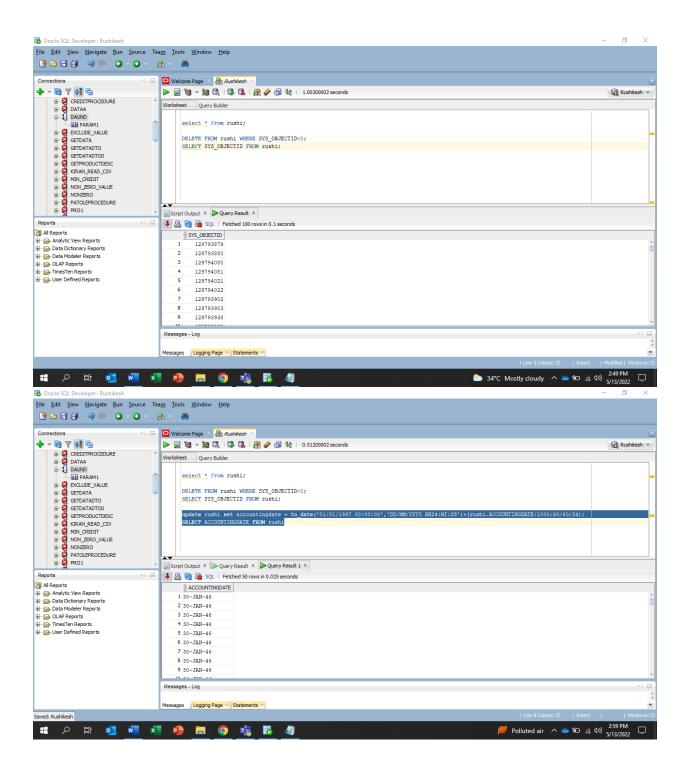
## Output



- 1. Create/populate DTO table with table from #1.(Same table structure) Perform below operations
  - exclude records with amount = 0 (CREDITAMOUNT or DEBITAMOUNT should have value)
  - Exclude records which has negative SYS\_OBJECTID.
  - Roundup DEBITAMOUNT and CREDITAMOUNT up to 3 decimals.
  - Convert date columns from Milliseconds to date
    - i. ACCOUNTINGDATE, CREATEDDATE
  - Add new computed column AMOUNT which will have value either from DEBITAMOUNT OR CREDITAMOUNT (Whichever has value).
  - Add new column to table isValid,
    - i. Update isValid = FALSE if any of below columns don't have any value.
      - 1. BUSINESSUNIT, FISCALPERIOD, STATUS, LEASEID, TRIGGERSUBTYPE, DEBITCREDITINDICATOR
    - ii. Update isValid = FALSE if Sum of debit not matches with sum of credit at lease(LEASEID) level







- 3 Create/populate aggregated table with data from table created in #2 with isValid=TRUE.
  - List of Expected Columns
    - i. BUSINESSUNIT, FISCALPERIOD, STATUS, TRIGGERSUBTYPE,
      DEBITCREDITINDICATOR, DEBITAMOUNT, CREDITAMOUNT, AMOUNT
  - Aggregate/group records based on columns
    - i. BUSINESSUNIT, FISCALPERIOD, STATUS, TRIGGERSUBTYPE, DEBITCREDITINDICATOR
  - Calculate sum of CREDITAMOUNT and DEBITAMOUNT based on aggregation criteria.
  - add new column to table isValid,
    - Update isValid = FALSE If sum of DEBITAMOUNT does not matches sum of CREDITAMOUNT for its respective aggregated record.

