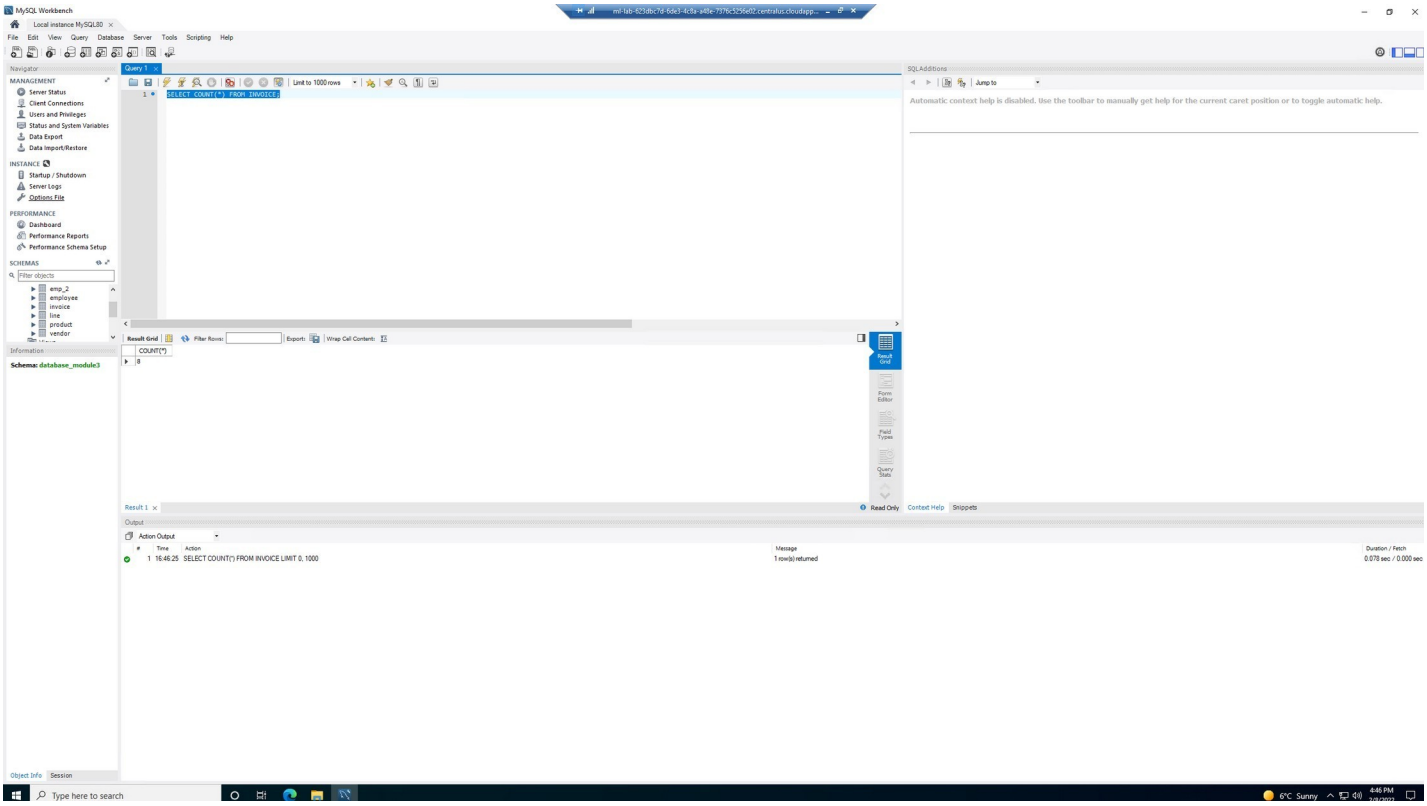
Course Project
DeVry University
College of Engineering and Information Sciences

Course Number: MIS582
Course Project Deliverable: 6

Include screenshots of the code and result

Problem 1: Write a query to count the number of invoices.

SELECT COUNT(*) FROM INVOICE;

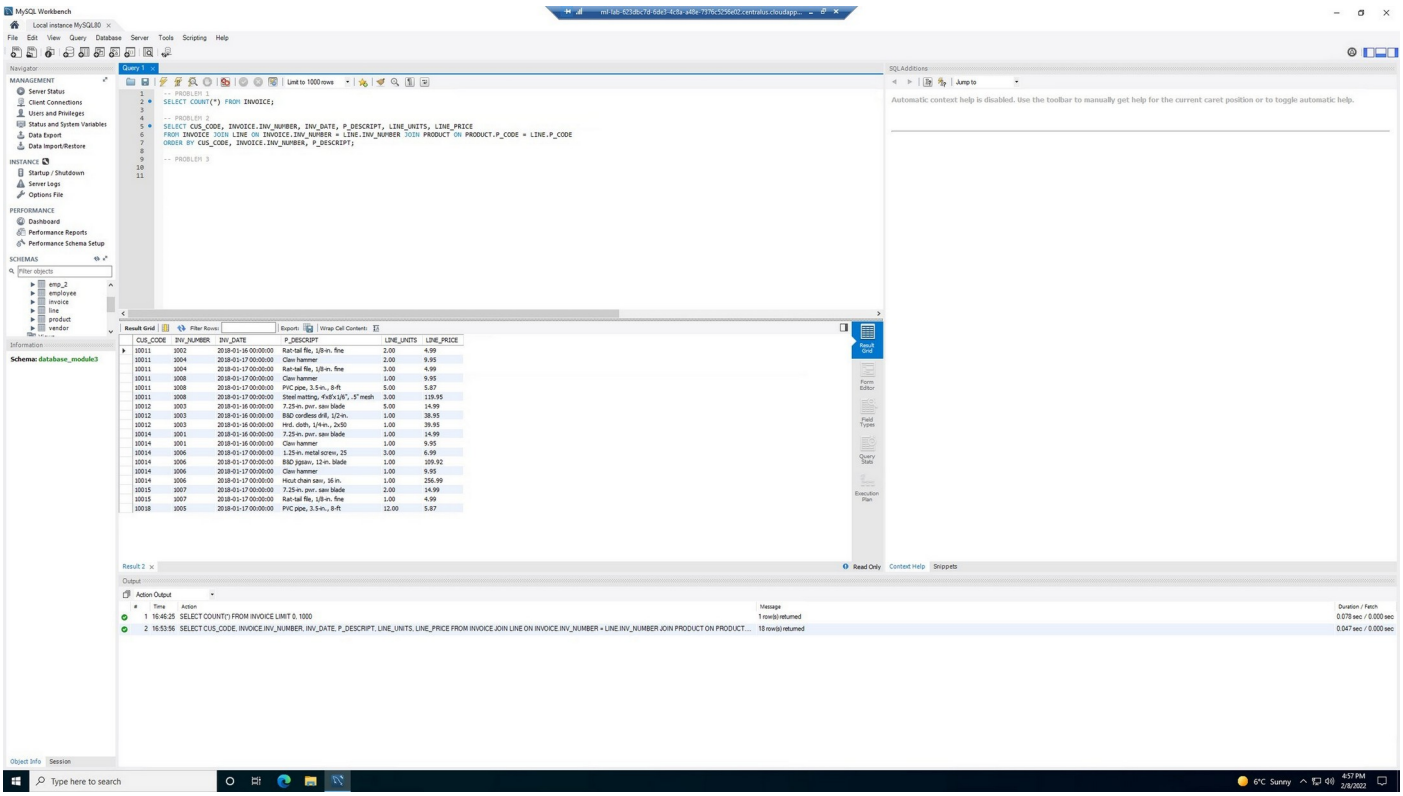


Problem 2: Generate a listing of all purchases made by the customers, using the output shown in the following as your guide. Sort the results by customer code, invoice number, and product description. You will need to join INVOICE, LINE, PRODUCT

SELECT CUS_CODE, INVOICE.INV_NUMBER, INV_DATE, P_DESCRIPT, LINE_UNITS, LINE_PRICE

FROM INVOICE JOIN LINE ON INVOICE.INV_NUMBER = LINE.INV_NUMBER JOIN PRODUCT ON PRODUCT.P_CODE = LINE.P_CODE

ORDER BY CUS_CODE, INVOICE.INV_NUMBER, P_DESCRIPT;



Problem 3 : Create a query to produce the total purchase per invoice, generating the results shown in the following *Figure,* sorted by invoice number. The invoice total is the sum of the product purchases in the `LINE` that corresponds to the `INVOICE`.

```
SELECT INV_NUMBER, SUM(LINE_UNITS * LINE_PRICE) AS "INVOICE TOTAL"
FROM LINE
GROUP BY INV_NUMBER
ORDER BY INV_NUMBER;
```