

**Course: CSE 302 (Section: 2)**

**FALL 2022**

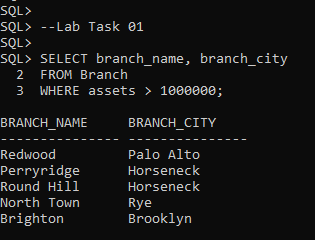
**Lab Assignment Submission Report 03**

**Assignment Title:** Writing SQL Statements for Multi-table, Set and Aggregate Queries

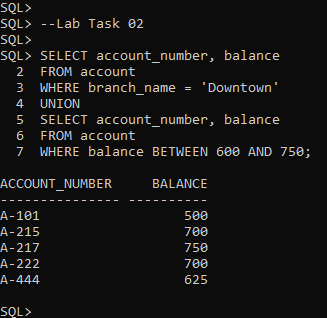
**Submitted By**

AZAZ AHMED SUN  
ID: 2020-2-60-073

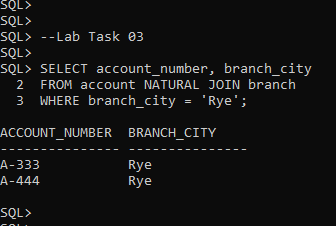
**Lab Task 01**

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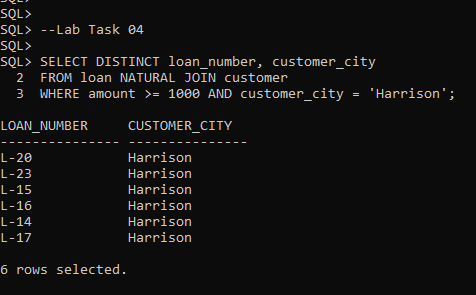
**Lab Task 02**

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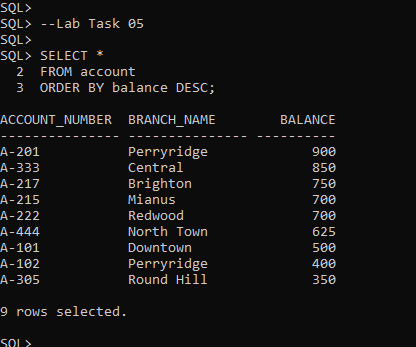
**Lab Task 03**

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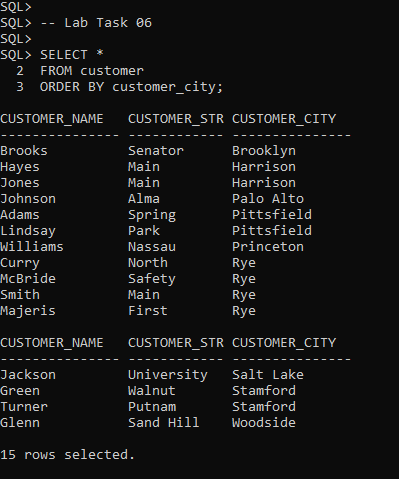
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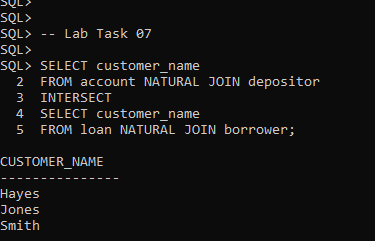
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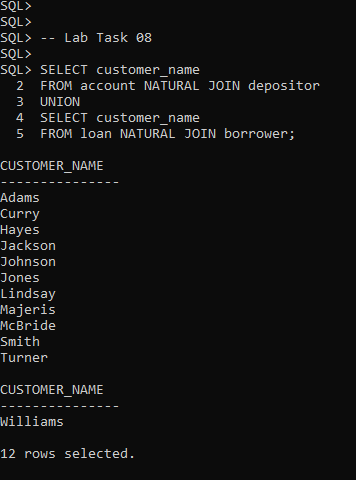
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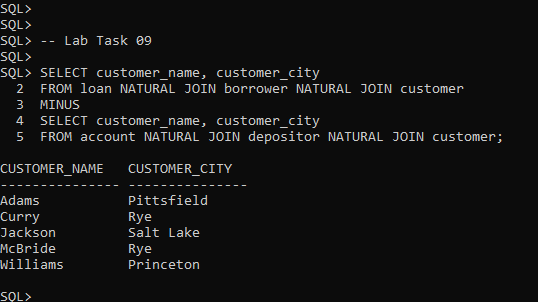
**Lab Task 07**

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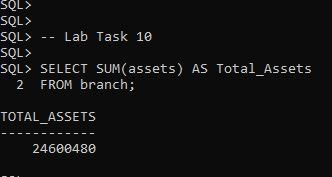
**Lab Task 08**

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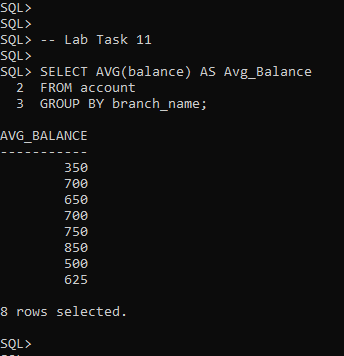
**Lab Task 09**

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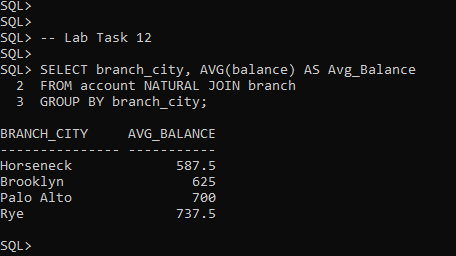
**Lab Task 10**

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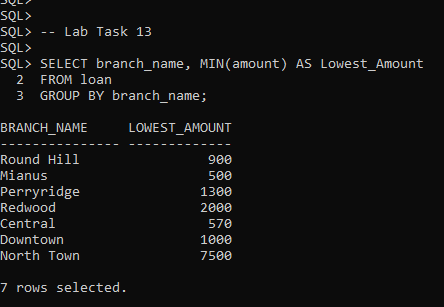
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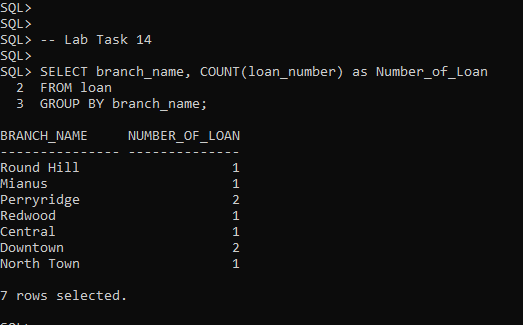
**Lab Task 12**

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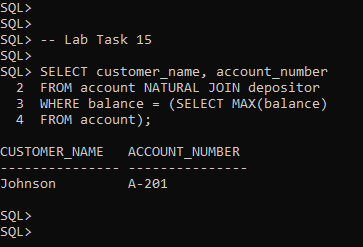
**Lab Task 13**

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**Lab Task 14**

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**Lab Task 15**

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**2. Learning Outcomes :**

From this lab I have learnt CARTESIAN (cross) product and JOIN operator to join multiple table. We have used NATURAL JOIN, JOIN ON, JOIN USING etc operators. The we learnt SET operation (UNION, INTERSECT & MINUS). Then we also learn about DISTINCT keyword, ARITHMETIC operation, LIKE operator to match string, GROUP BY clause and many AGGREGATE FUNCTIONS like AVG, SUM, MIN, MAX & COUNT.