Problem solving on SQL Queries

Assignment Solutions

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Employee Table
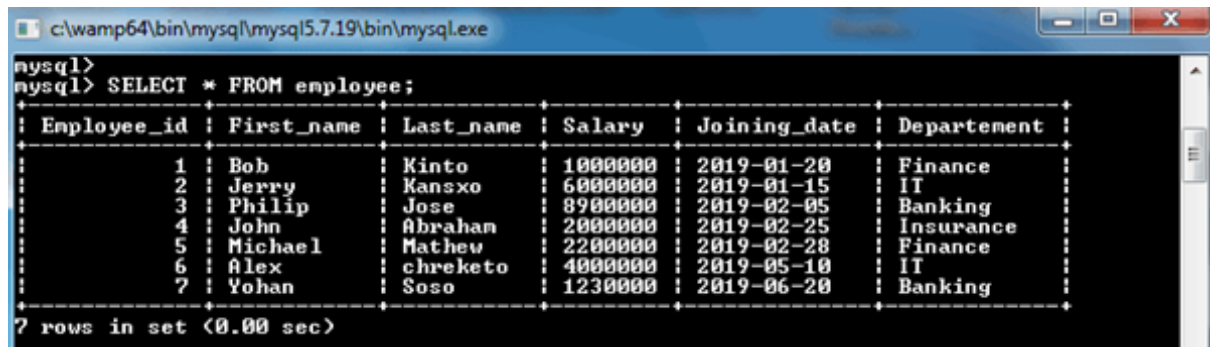
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| Employee_id | First_name | Last_name |  Salary  | Joining_date |
Departement |

+-------------+------------+-----------+----------+-------------+-----
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|     1       |     Bob    |   Kinto   | 1000000  |  2019-01-20  |
Finance    |

|     2       |    Jerry   |  Kansxo   | 6000000  |  2019-01-15  |
IT      |

|     3       |    Philip  |    Jose   | 8900000  |  2019-02-05  |
Banking    |

|     4       |    John    |  Abraham  | 2000000  |  2019-02-25  |
Insurance   |

|     5       |   Michael  |   Mathew  | 2200000  |  2019-02-28  |
Finance    |

|     6       |    Alex    |  chreketo | 4000000  |  2019-05-10  |
IT      |

|     7       |    Yohan   |    Soso   | 1230000  |  2019-06-20  |
Banking    |

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Reward Table

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| Employee_ref_id | date_reward | amount |

+----------------+------------+-------+

|        1       | 2019-05-11 |  1000  |

|        2       | 2019-02-15 |  5000  |

|        3       | 2019-04-22 |  2000  |

|        1       | 2019-06-20 |  8000  |

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```

1. Get all employees.

SELECT * FROM employee;

2. Display the first name and last name of all employees.

SELECT First_name, Last_name FROM employee;

3. Display all the values of the "First_Name" column using the alias "Employee Name"

SELECT First_name AS "Employee Name" FROM employee;

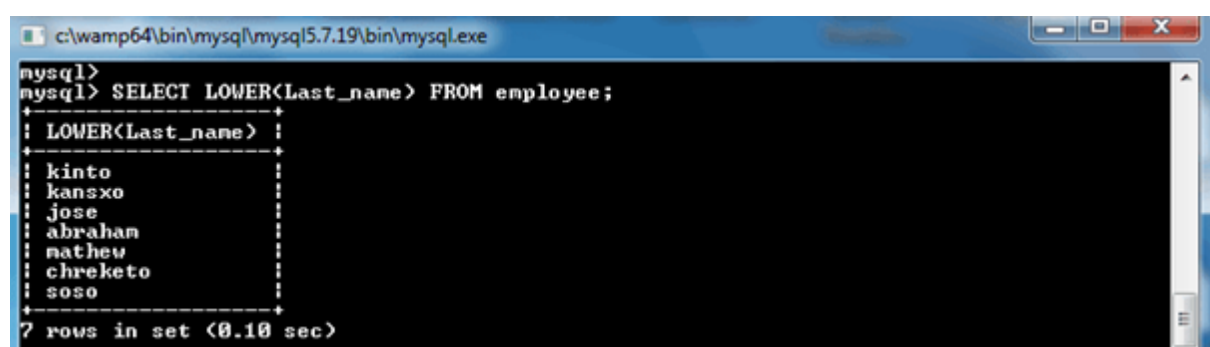**4. Get all "Last_Name" in lowercase.**

SELECT LOWER(Last_name) FROM employee;

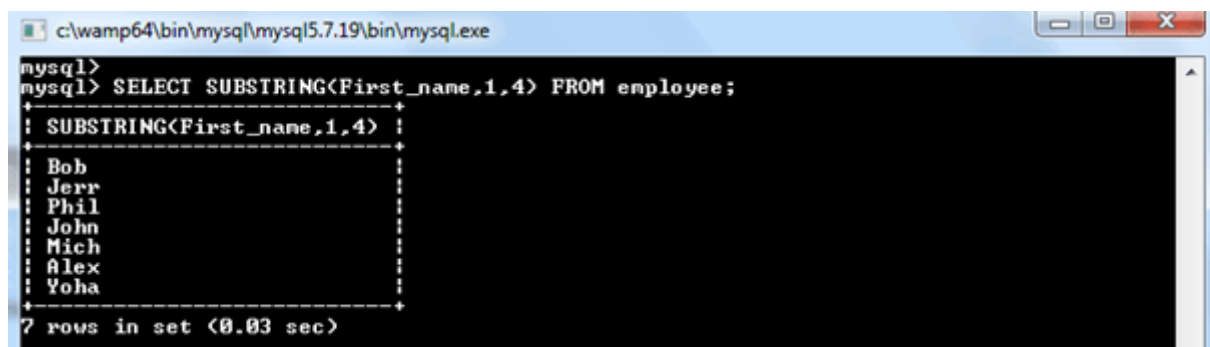**5. Get all "Last_Name" in uppercase.**

SELECT UPPER(Last_name) FROM employee;
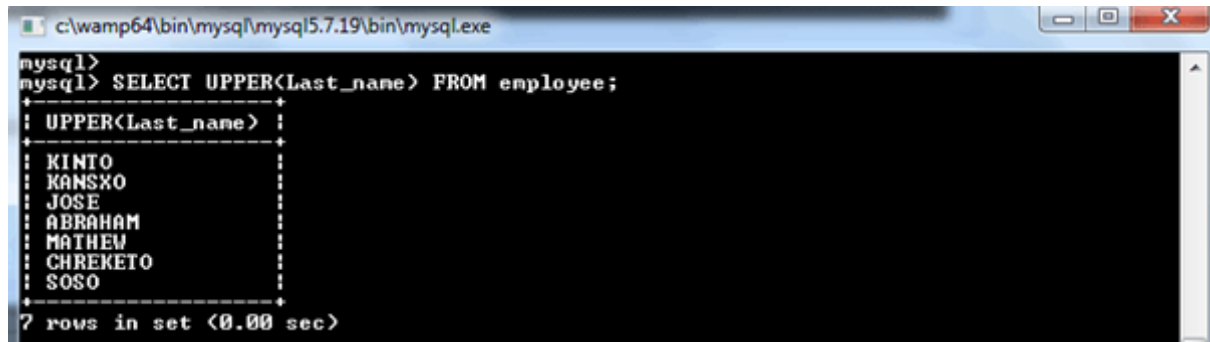
6. Get unique "DEPARTMENT".

SELECT DISTINCT Departement FROM employee;
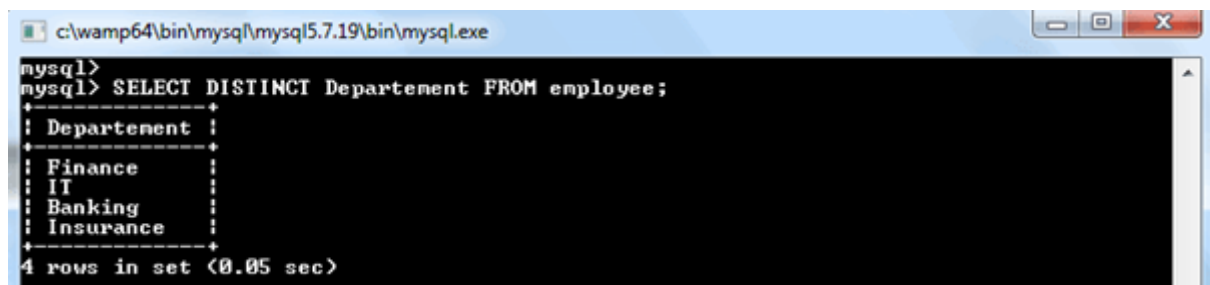
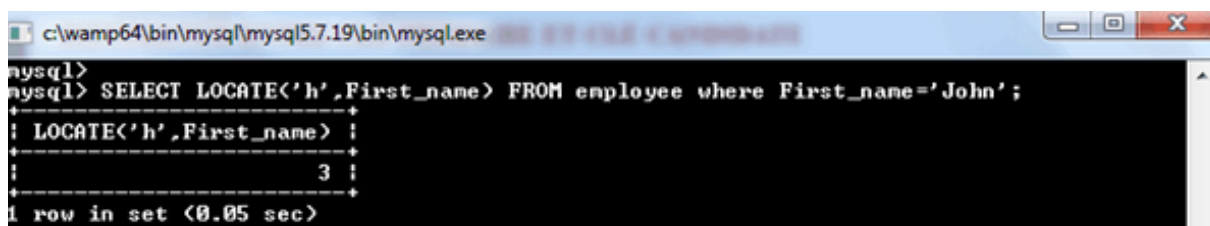**7. Get the first 4 characters of "FIRST_NAME" column.**
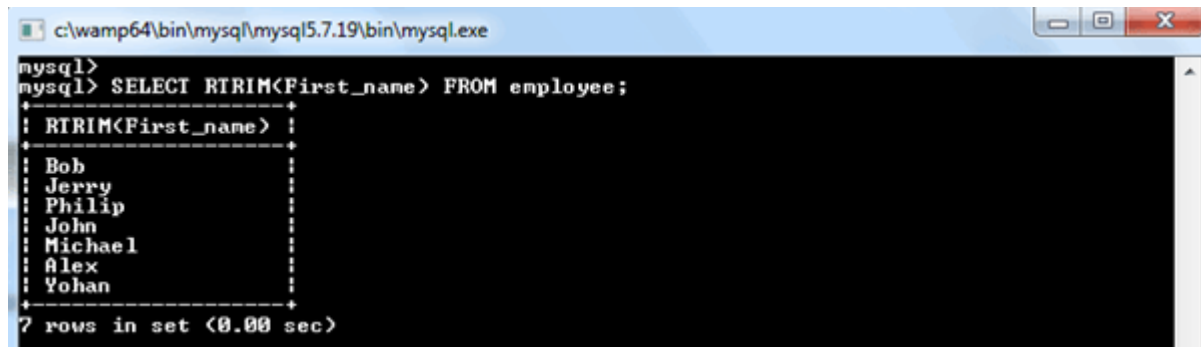
SELECT SUBSTRING(First_name,1,4) FROM employee;

8. Get the position of the letter 'h' in 'John'.

SELECT LOCATE('h',First_name) FROM employee where First_name='John';

9. Get all values from the "FIRST_NAME" column after removing white space on the right.
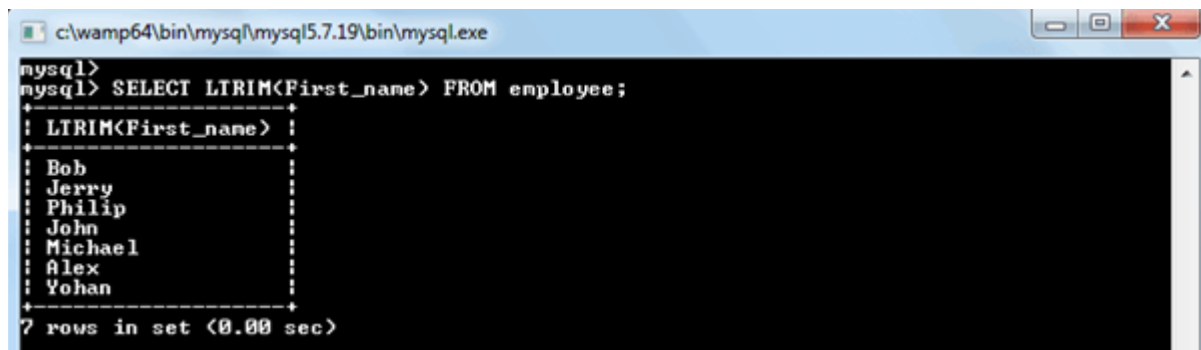
SELECT RTRIM(First_name) FROM employee;

10. Get all values from the "FIRST_NAME" column after removing white space on the left.

SELECT LTRIM(First_name) FROM employee;