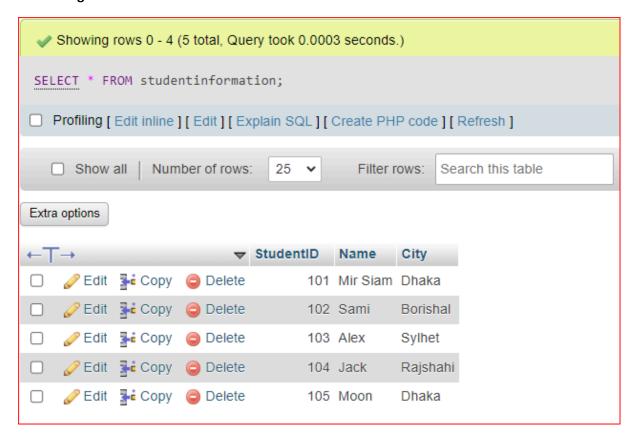
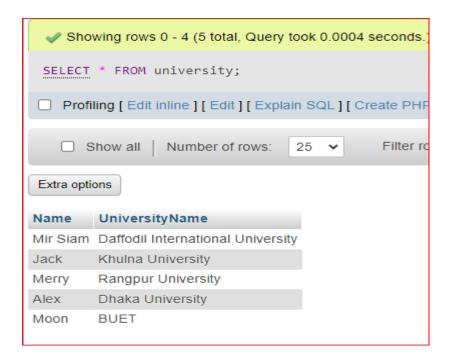
Database Testing Assignment

By: Mir Siam

- 1. Creating a Database.
- 2. Creating two tables Bugresistance and University
- 3. Inserting data in those tables.



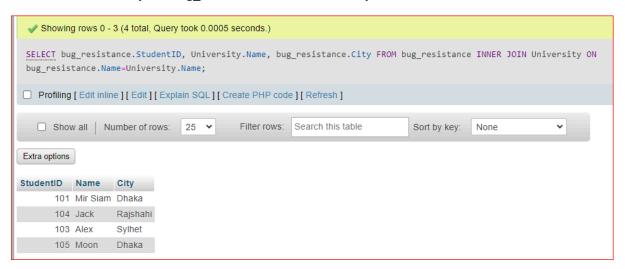


4. INNRER JOIN:

SELECT bug_resistance.StudentID, University.Name, bug_resistance.City

FROM bug_resistance

INNER JOIN University ON bug_resistance.Name=University.Name;



5. LEFT JOIN:

SELECT bug_resistance.StudentID, University.Name, bug_resistance.City

FROM bug_resistance

LEFT JOIN University ON bug_resistance.Name=University.Name;

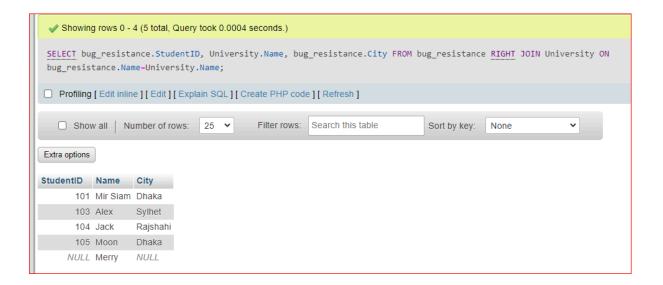


6. RIGHT JOIN:

SELECT bug_resistance.StudentID, University.Name, bug_resistance.City

FROM bug_resistance

RIGHT JOIN University ON bug_resistance.Name=University.Name;



7. FULL OUTER JOIN:

SELECT bug_resistance.StudentID, University.Name, bug_resistance.City

FROM bug_resistance

FULL OUTER JOIN University ON bug_resistance.Name=University.Name;

Error
SQL query: <u>Copy</u> ⊎
SELECT bug resistance.StudentID, University.Name, bug resistance.City
FROM bug_resistance FULL OUTER JOIN University ON bug_resistance.Name=University.Name LIMIT 0, 25
MySQL said: ⊌
#1064 - You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right synta to use near 'OUTER JOIN University ON bug_resistance.Name=University.Name LIMIT 0, 25' at line 3

Full outer join can't be directly implemented.

That's why the alternative process is -

SELECT bug_resistance.StudentID, University.Name, bug_resistance.City FROM bug_resistance

LEFT JOIN University ON bug_resistance.Name = University.Name UNION ALL SELECT bug_resistance.StudentID, University.Name, bug_resistance.City FROM bug_resistance RIGHT JOIN University ON bug_resistance.Name = University.Name WHERE bug_resistance.Name IS NULL;

