

DATABASE TESTING

REPORT

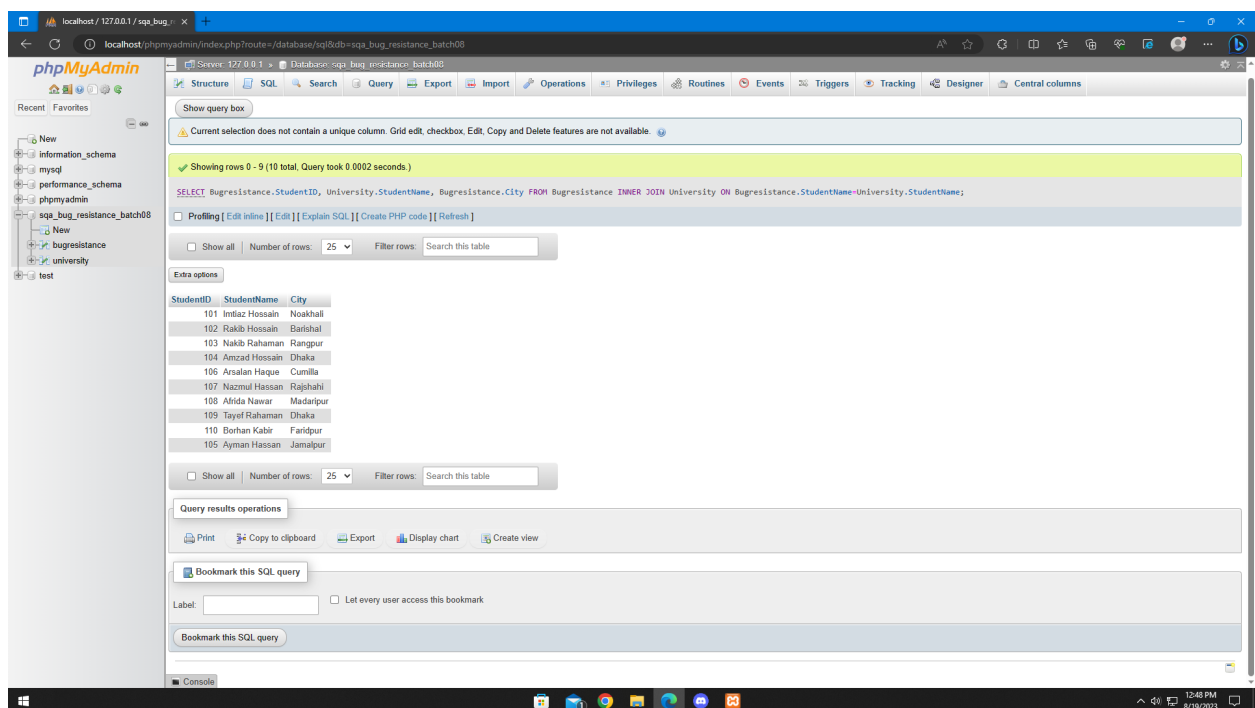
Course : Complete SQA (Manual and Automation)

Organization: Bug Resistance

Course Instructor: Mohoshi Haque

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1) INNER JOIN:



The screenshot displays the phpMyAdmin web interface. The left sidebar shows the database structure with 'bugresistance' selected. The main panel shows a query result for an INNER JOIN between 'bugresistance' and 'university'. The query is: `SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City FROM Bugresistance INNER JOIN University ON Bugresistance.StudentName=University.StudentName;`. The result table has columns 'StudentID', 'StudentName', and 'City', with 10 rows of data. The interface includes a top navigation bar, a left sidebar, and a main content area with a query editor and result display.

StudentID	StudentName	City
101	Imtiaz Hossain	Noakhali
102	Rakib Hossain	Barishal
103	Nakib Rahman	Rangpur
104	Amzad Hossain	Dhaka
106	Ansari Haque	Cumilla
107	Nazmul Hassan	Rajshahi
108	Alinda Nawar	Madaripur
109	Tayef Rahman	Dhaka
110	Borhan Kabir	Fairpur
105	Ayman Hassan	Jamalpur

2) LEFT JOIN

The screenshot shows the phpMyAdmin interface with a SQL query executed. The query is a LEFT JOIN between the 'bugresistance' and 'university' tables. The result set shows 10 rows, all from the 'bugresistance' table, as there are no matching records in the 'university' table for the given StudentID values.

Query: `SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City FROM Bugresistance LEFT JOIN University ON Bugresistance.StudentName=University.StudentName;`

StudentID	StudentName	City
101	Imtiaz Hossain	Noakhali
102	Rakib Hossain	Barishal
103	Nakib Rahaman	Rangpur
104	Amzad Hossain	Dhaka
106	Arsalan Haque	Cumilla
107	Nazmul Hassan	Rajshahi
108	Alfida Nawar	Madaripur
109	Tayef Rahaman	Dhaka
110	Borhan Kabir	Faridpur
105	Ayman Hassan	Jamalpur

3) RIGHT JOIN

The screenshot shows the phpMyAdmin interface with a SQL query executed. The query is a RIGHT JOIN between the 'bugresistance' and 'university' tables. The result set shows 13 rows. The first 10 rows are from the 'bugresistance' table, and the last 3 rows are from the 'university' table where there were no matching records in 'bugresistance', resulting in NULL values for the other columns.

Query: `SELECT Bugresistance.StudentID, University.StudentName, Bugresistance.City FROM Bugresistance RIGHT JOIN University ON Bugresistance.StudentName=University.StudentName;`

StudentID	StudentName	City
101	Imtiaz Hossain	Noakhali
102	Rakib Hossain	Barishal
103	Nakib Rahaman	Rangpur
104	Amzad Hossain	Dhaka
105	Ayman Hassan	Jamalpur
106	Arsalan Haque	Cumilla
107	Nazmul Hassan	Rajshahi
108	Alfida Nawar	Madaripur
109	Tayef Rahaman	Dhaka
110	Borhan Kabir	Faridpur
NULL	Sakib Hossain	NULL
NULL	Kalam Choudhury	NULL
NULL	Sadina Akhter	NULL

4) FULL OUTER JOIN

The screenshot shows the phpMyAdmin interface with a query executed on the 'Bugresistance' table. The query performs a FULL OUTER JOIN between the 'Bugresistance' and 'University' tables on the 'StudentName' column. The result shows 11 rows, including data from both tables and NULL values for the non-matching side of the join.

Showing rows 0 - 10 (11 total, Query took 0.0002 seconds.)

```
SELECT Bugresistance.StudentID, Bugresistance.StudentName, Bugresistance.City FROM Bugresistance LEFT JOIN University ON Bugresistance.StudentName = University.StudentName UNION SELECT Bugresistance.StudentID, Bugresistance.StudentName, Bugresistance.City FROM University LEFT JOIN Bugresistance ON Bugresistance.StudentName = University.StudentName;
```

Profiling | Edit inline | Edit | Explain SQL | Create PHP code | Refresh

Show all | Number of rows: 25 | Filter rows: Search this table

Extra options

StudentID	StudentName	City
101	Intiaz Hossain	Noakhali
102	Rakib Hossain	Barishal
103	Nakib Rahaman	Rangpur
104	Amzad Hossain	Dhaka
106	Arsalan Haque	Cumilla
107	Nazmul Hassan	Rajshahi
108	Afrida Nawar	Madaripur
109	Tayef Rahaman	Dhaka
110	Borhan Kabir	Faridpur
105	Ayman Hassan	Jamalpur
NULL	NULL	NULL

Show all | Number of rows: 25 | Filter rows: Search this table

Query results operations

Print | Copy to clipboard | Export | Display chart | Create view

Bookmark this SQL query

Label: ☐ Let every user access this bookmark

Bookmark this SQL query

Console