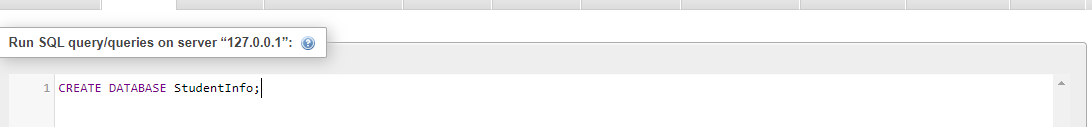
|  |  |
| --- | --- |
| Project | Database Practice Using SQL |
| Name | Md. Zobayer Ibna Kabir |
| Date | 28.05.2024 |

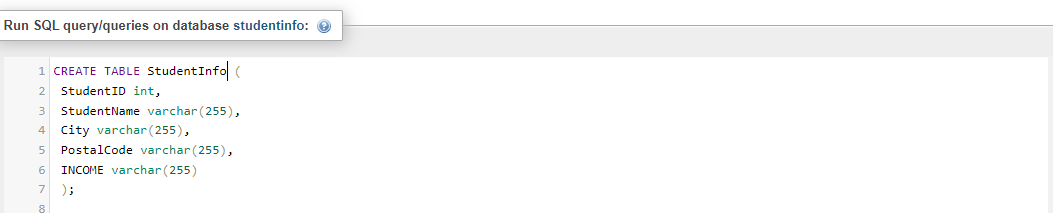
**• Create Database:**

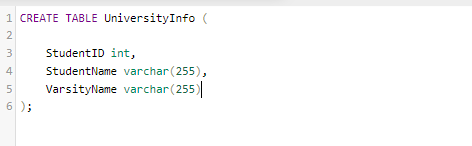


**• Create TABLE:**

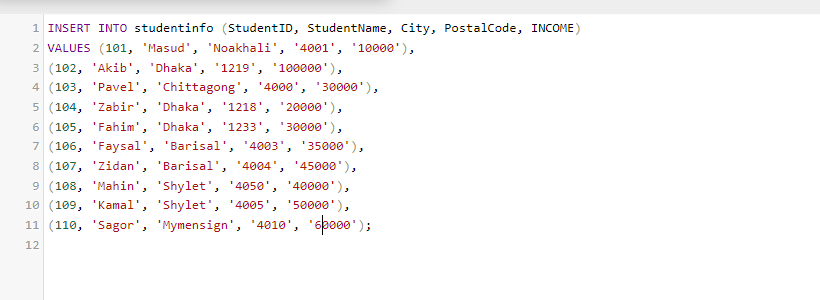
Two tables were created to perform a join operation.

* StudentInfo
* UniversityInfo

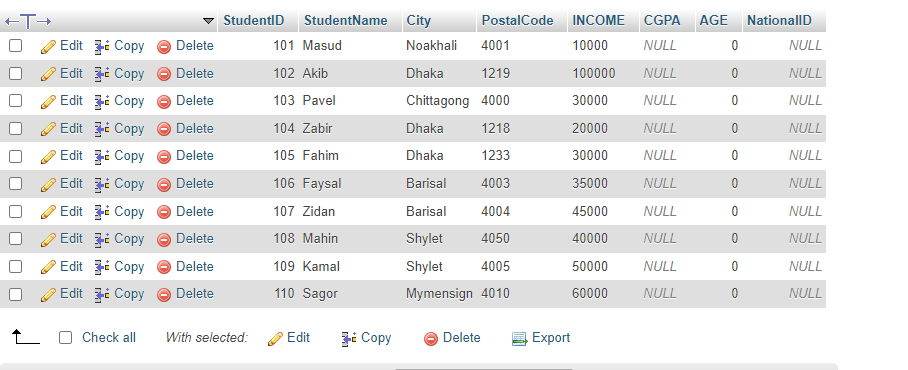




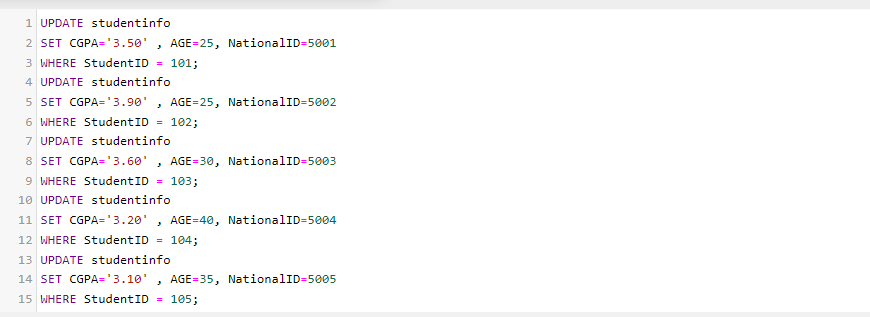
**• INSERT VALUE in Table:**



**• ALTER TABLE:**

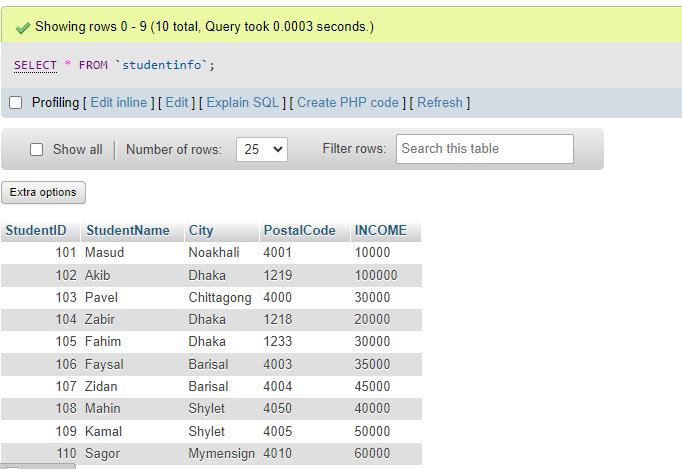
Three new columns were added to the existing table using the ALTER TABLE statement.****

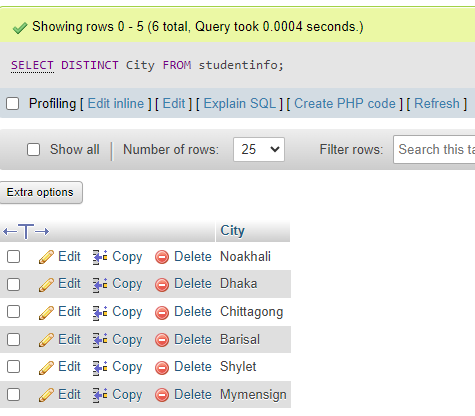
New values were inserted into the three newly added columns after their creation.

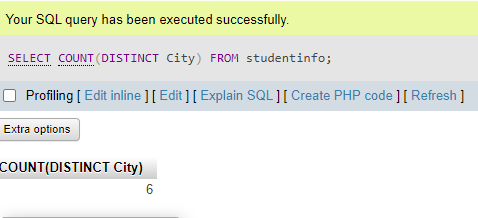
****

**QUERYING DATA FROM SINGLE TABLE**

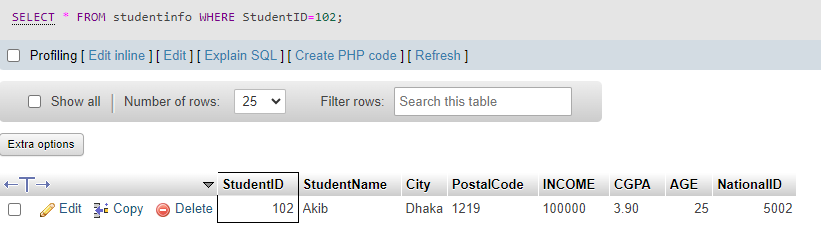
**SELECT statement is used to select data from a database**

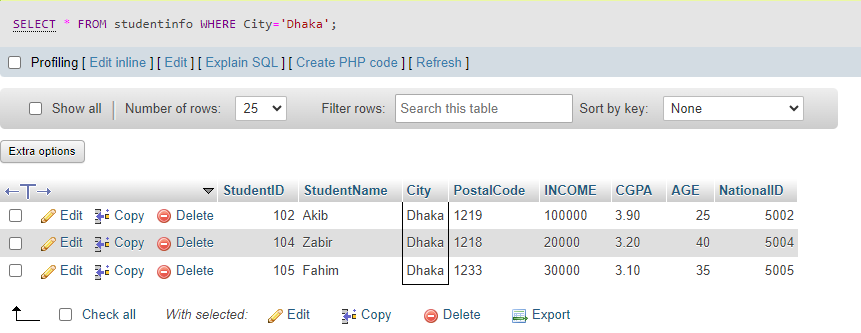
****

**SELECT DISTINCT statement is used to return only distinct (different) values****

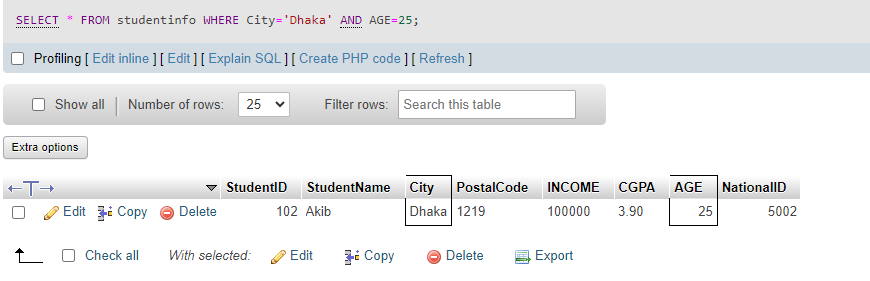
****

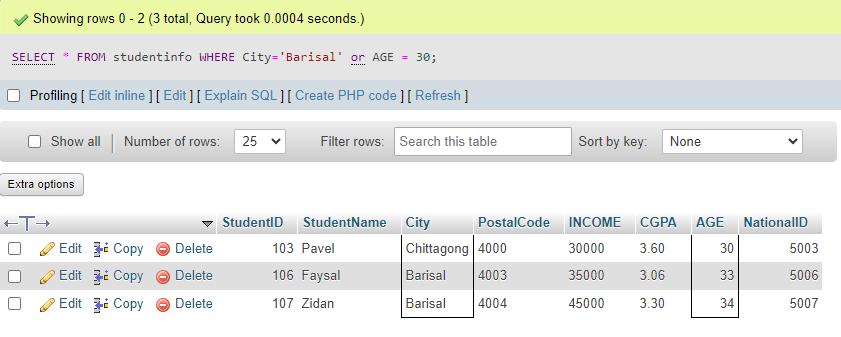
**WHERE clause is used to filter records**

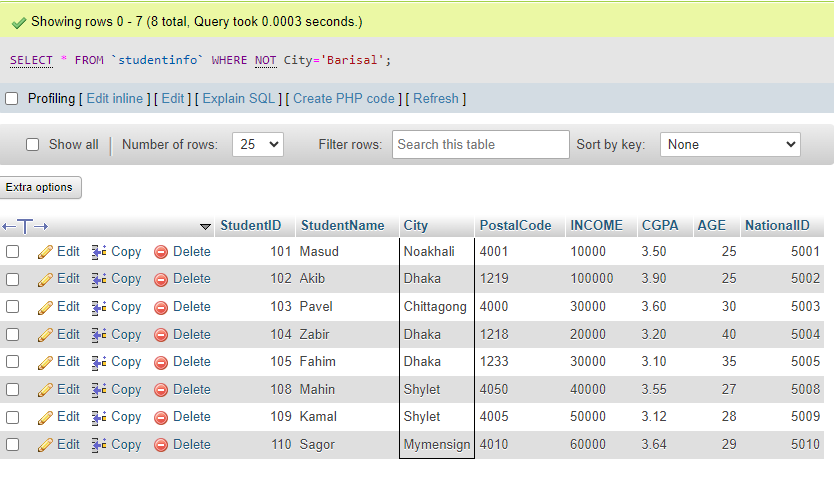
****

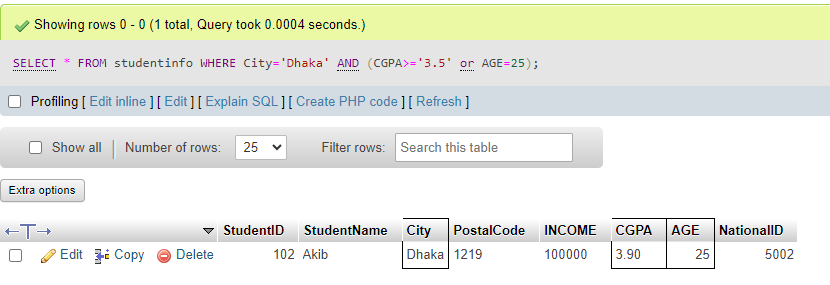
****

**WHERE clause can be combined with AND, OR, and NOT operators**

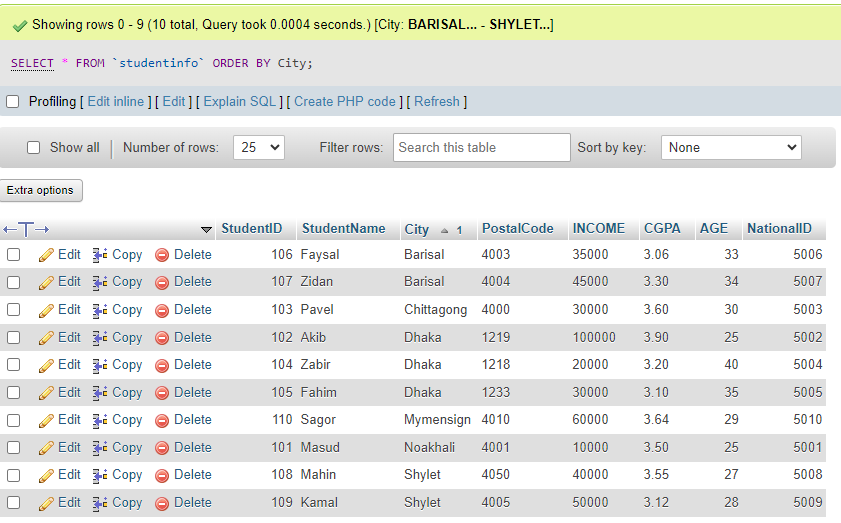


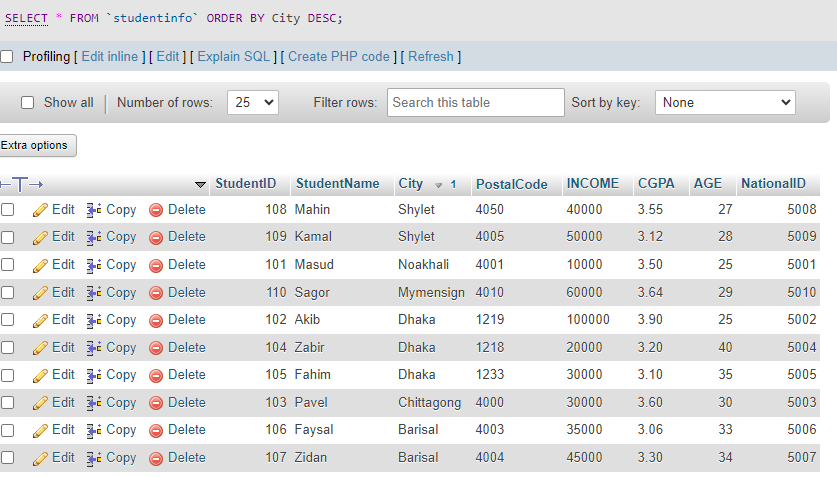
****

****

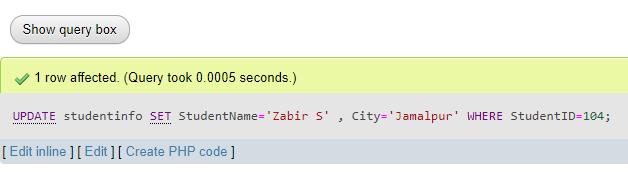
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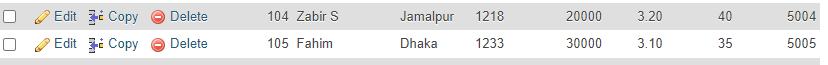
**ORDER BY keyword is used to sort the result-set in ascending or descending order**

****

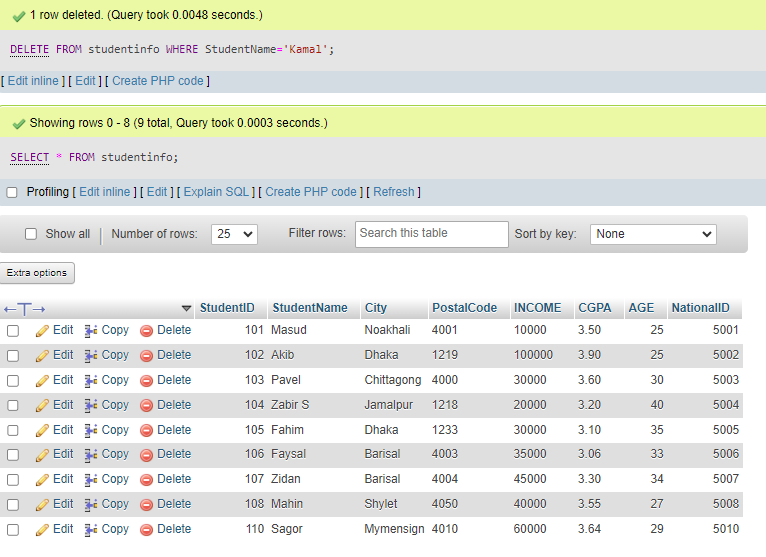
****

**UPDATE statement is used to modify the existing records in a table**

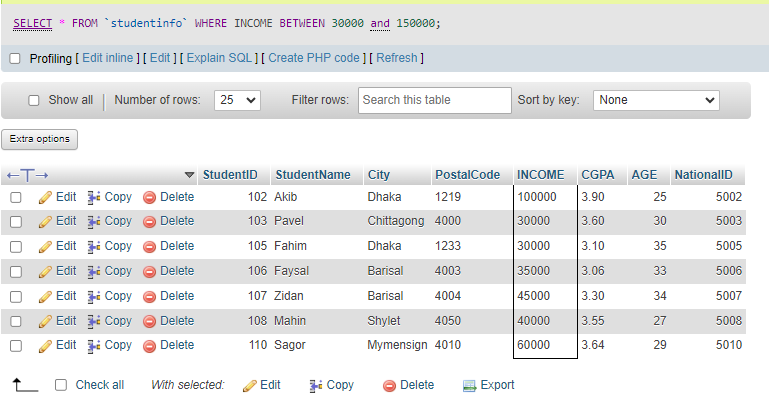
****

****

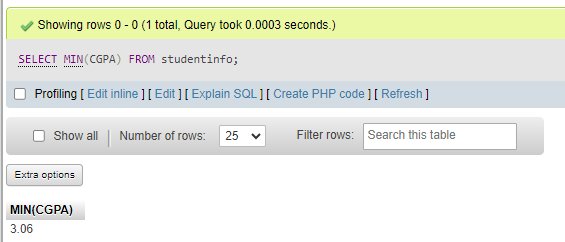
**DELETE statement is used to delete existing records in a table**

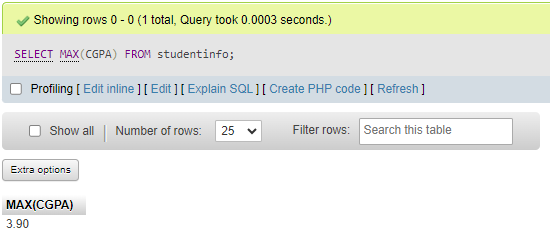
****

**BETWEEN operator selects values within a given range**

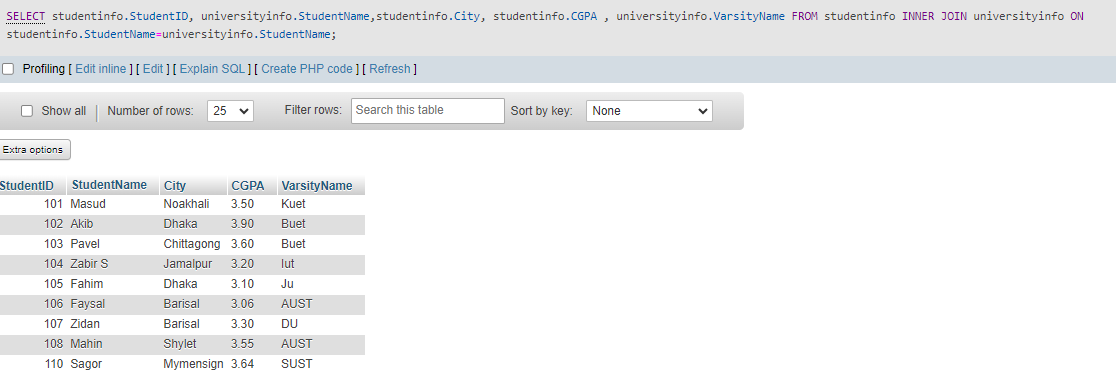
****

**MIN() and MAX() function returns the smallest & largest value**

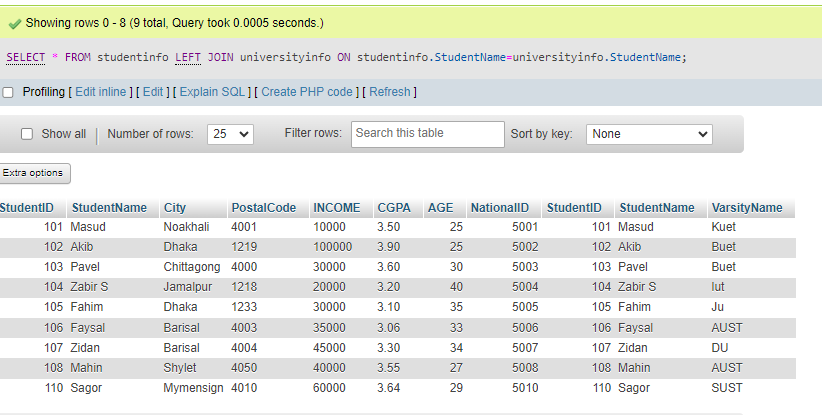
****

****

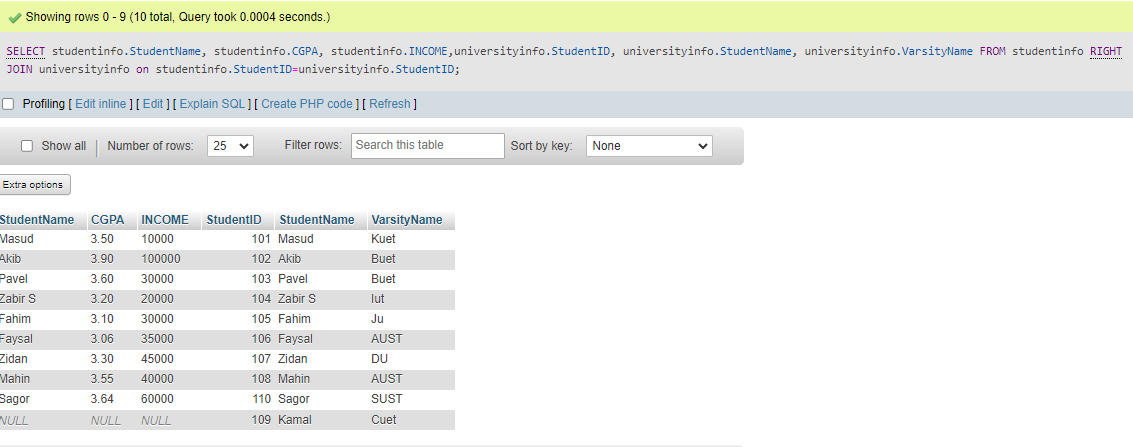
**INNRER JOIN**

****

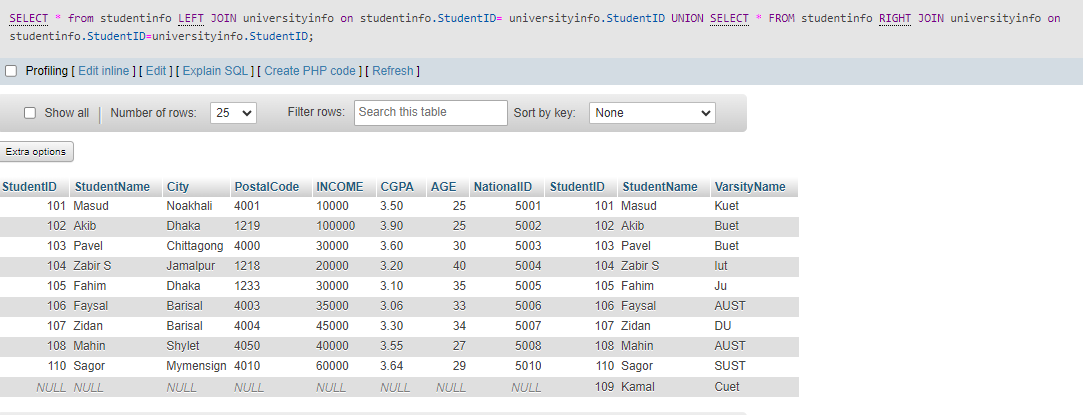
**LEFT JOIN**

****

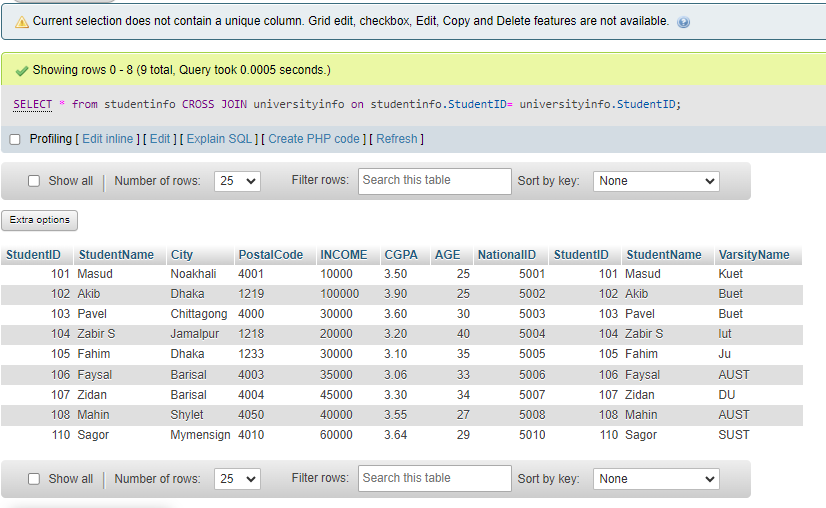
**RIGHT JOIN**

****

**FULL OUTER JOIN**



**Cross Join:**

****