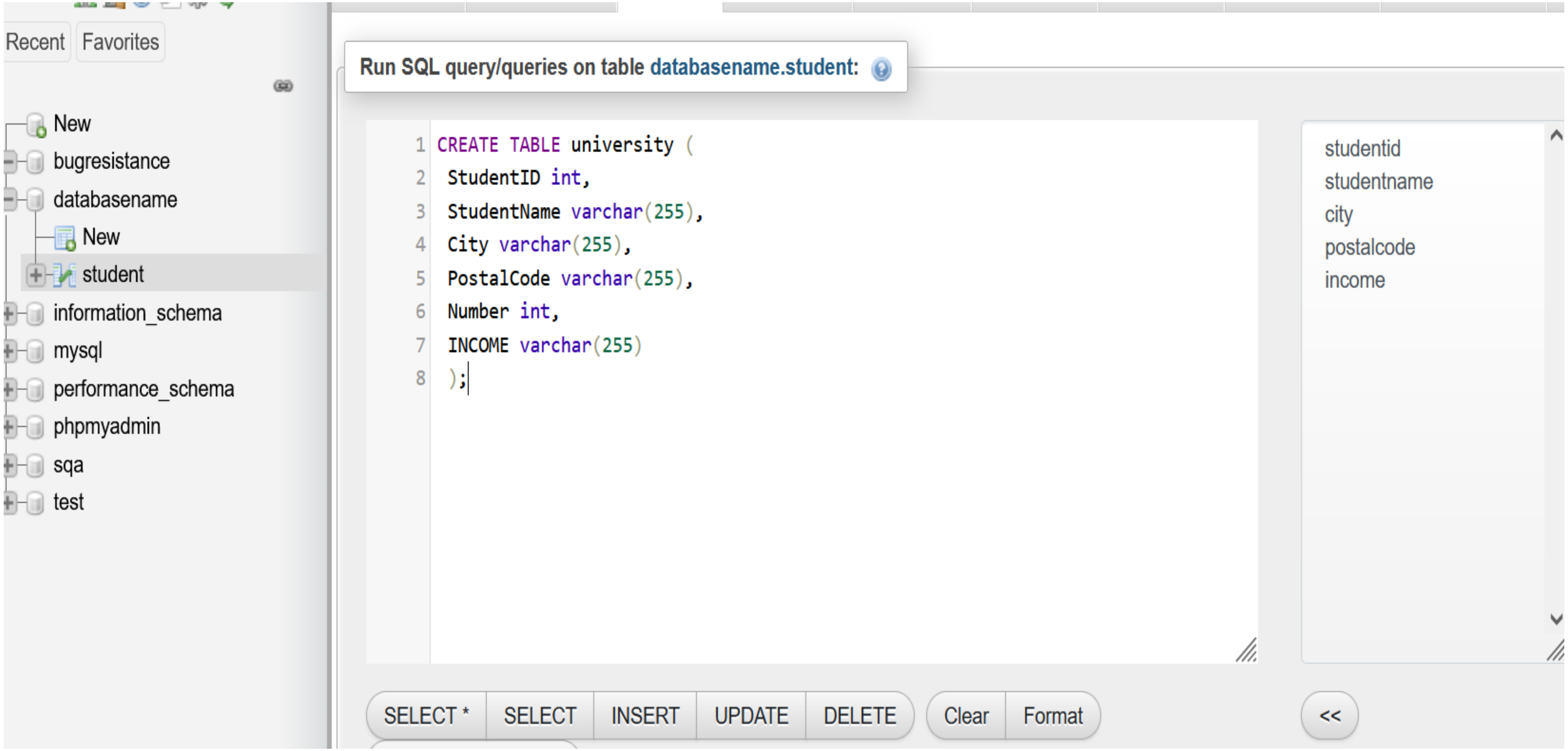
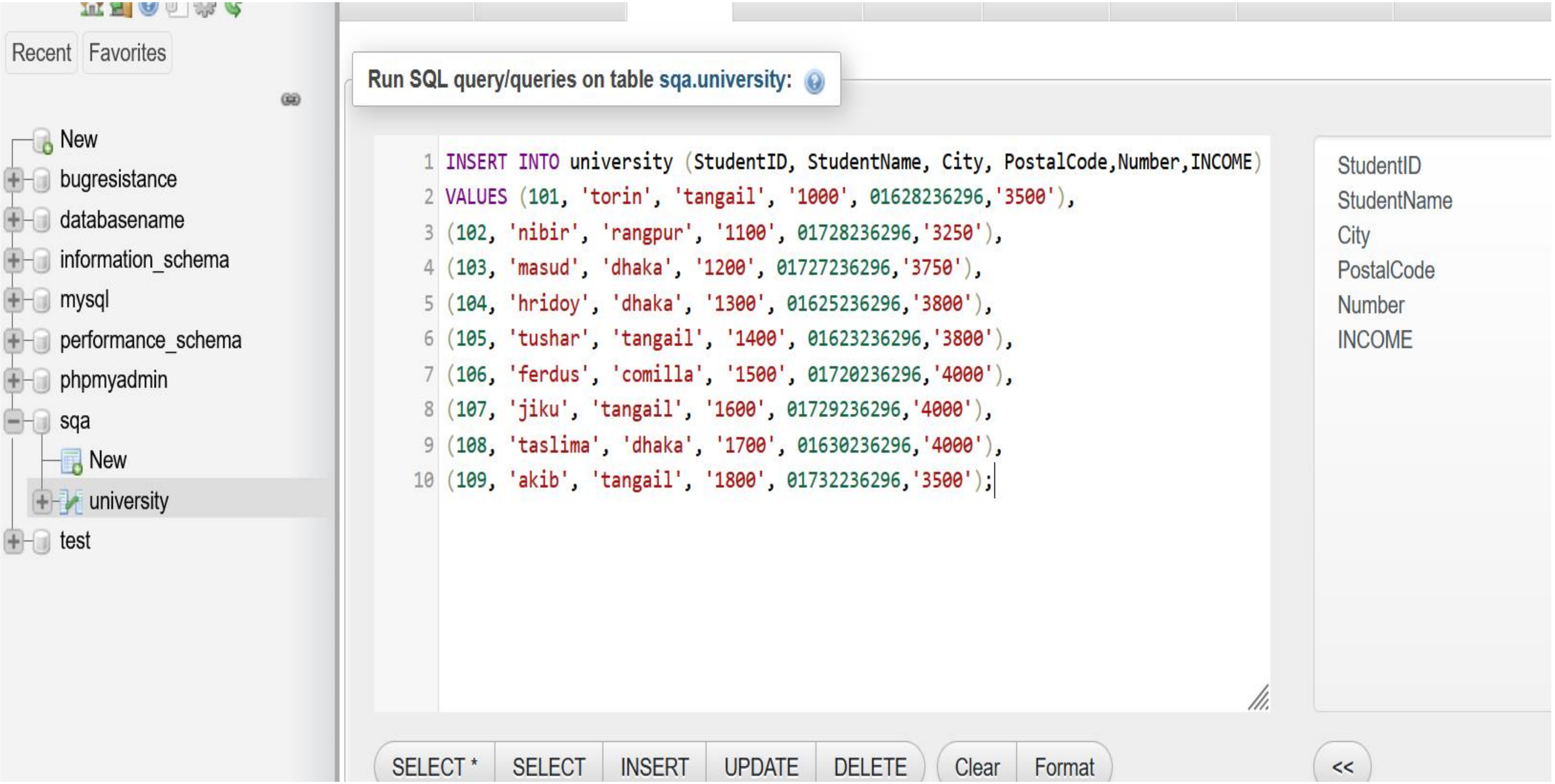
Create University Table:



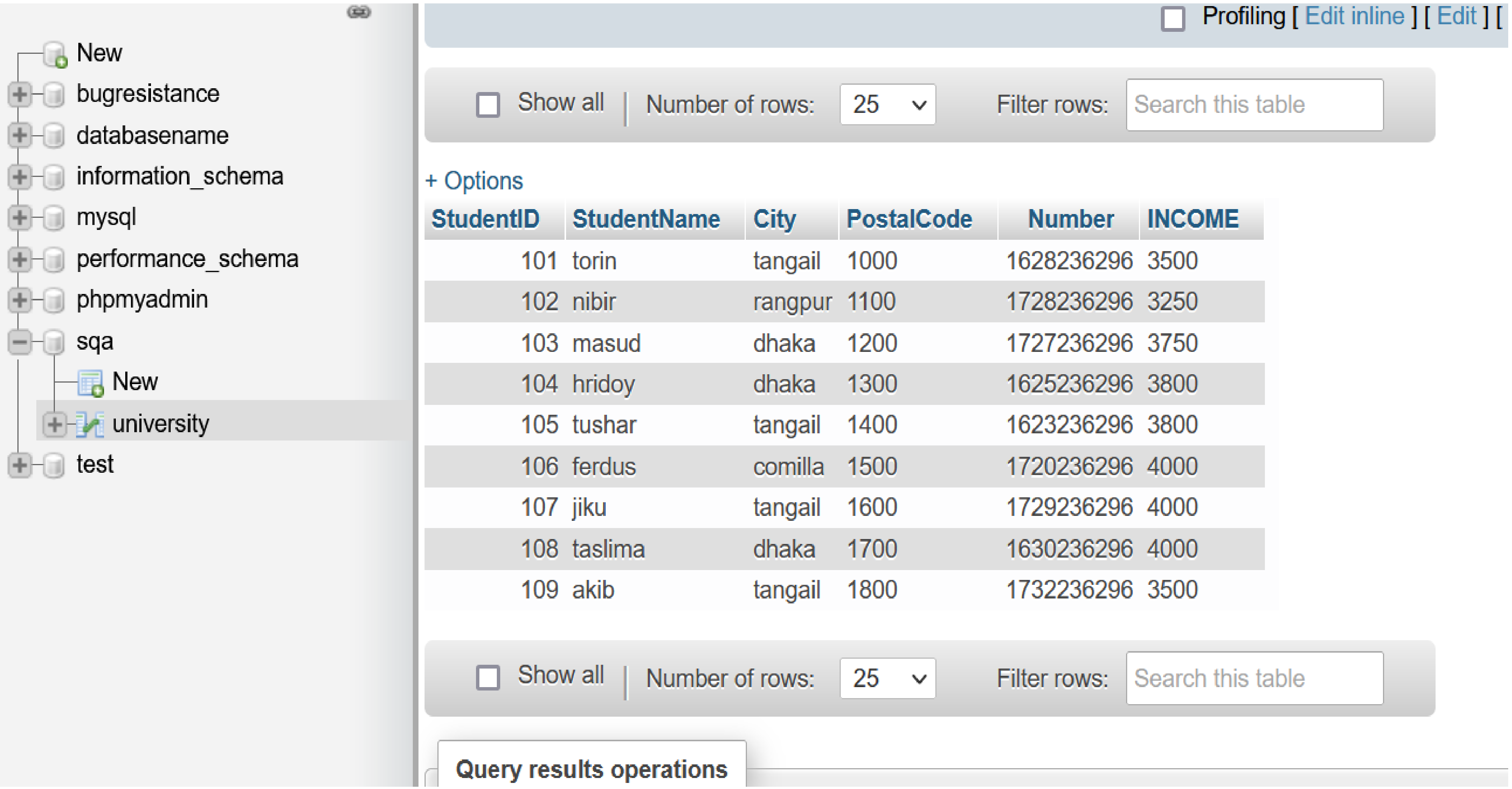
```
CREATE TABLE university (
 StudentID int,
 StudentName varchar(255),
 City varchar(255),
 PostalCode varchar(255),
 Number int,
 INCOME varchar(255)
 );
```

Insert Values in University:



```sql
INSERT INTO university (StudentID, StudentName, City, PostalCode,Number,INCOME)
VALUES (101, 'torin', 'tangail', '1000', 01628236296,'3500'),
(102, 'nibir', 'rangpur', '1100', 01728236296,'3250'),
(103, 'masud', 'dhaka', '1200', 01727236296,'3750'),
(104, 'hridoy', 'dhaka', '1300', 01625236296,'3800'),
(105, 'tushar', 'tangail', '1400', 01623236296,'3800'),
(106, 'ferdus', 'comilla', '1500', 01720236296,'4000'),
(107, 'jiku', 'tangail', '1600', 01729236296,'4000'),
(108, 'taslima', 'dhaka', '1700', 01630236296,'4000'),
(109, 'akib', 'tangail', '1800', 01732236296,'3500');
```

University Table:



Number of rows: 25

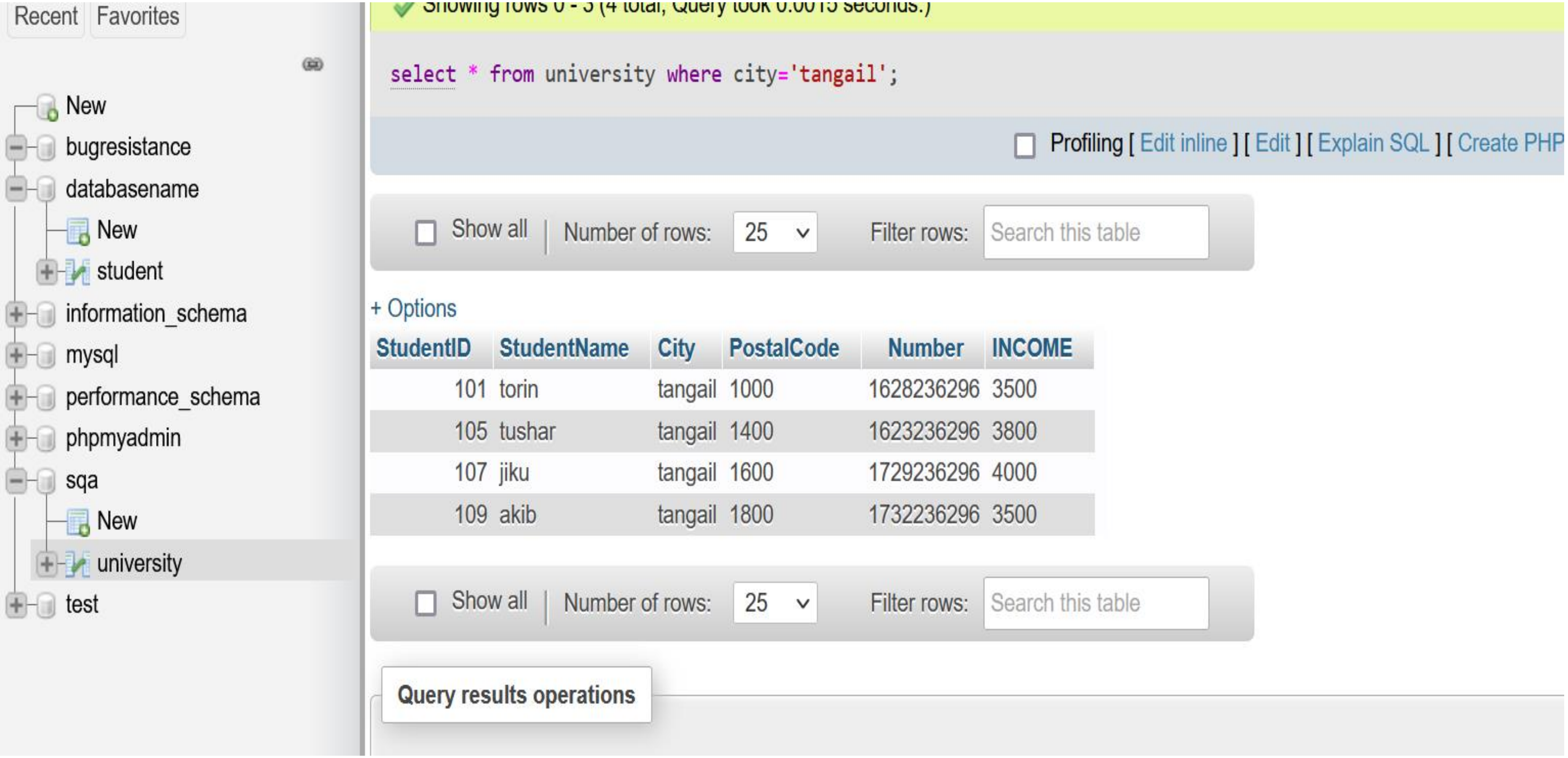
Filter rows: Search this table

StudentID	StudentName	City	PostalCode	Number	INCOME
101	torin	tangail	1000	1628236296	3500
102	nibir	rangpur	1100	1728236296	3250
103	masud	dhaka	1200	1727236296	3750
104	hridoy	dhaka	1300	1625236296	3800
105	tushar	tangail	1400	1623236296	3800
106	ferdus	comilla	1500	1720236296	4000
107	jiku	tangail	1600	1729236296	4000
108	taslima	dhaka	1700	1630236296	4000
109	akib	tangail	1800	1732236296	3500

Number of rows: 25

Filter rows: Search this table

Find Data by City:



✓ Showing rows 0 - 3 (4 total, Query took 0.0015 seconds.)

```
select * from university where city='tangail';
```

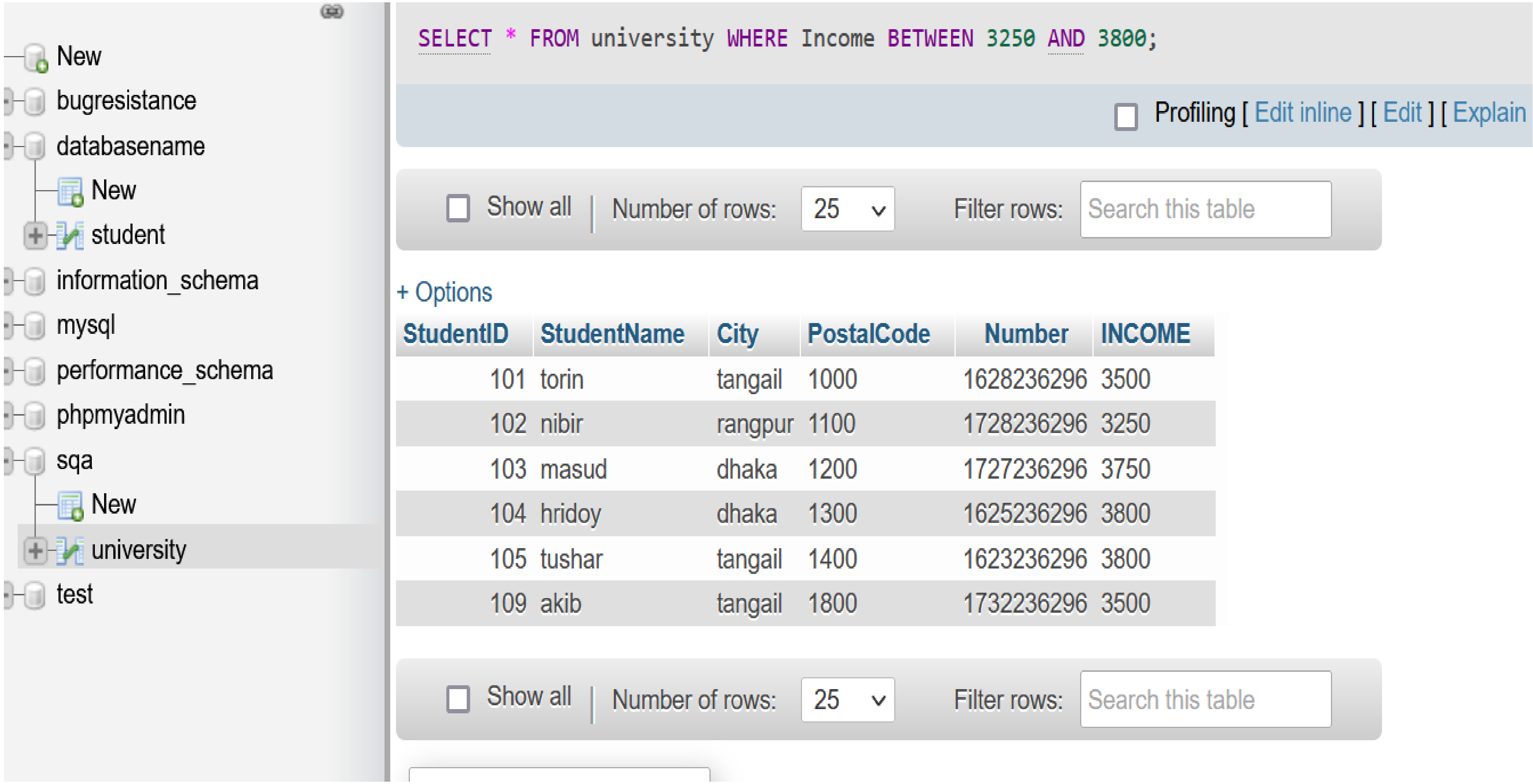
□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP
□ Show all
Filter rows: Search this table
+ Options

Number of rows: 25

StudentID	StudentName	City	PostalCode	Number	INCOME
101	torin	tangail	1000	1628236296	3500
105	tushar	tangail	1400	1623236296	3800
107	jiku	tangail	1600	1729236296	4000
109	akib	tangail	1800	1732236296	3500

Number of rows: 25

Between Operator select values:

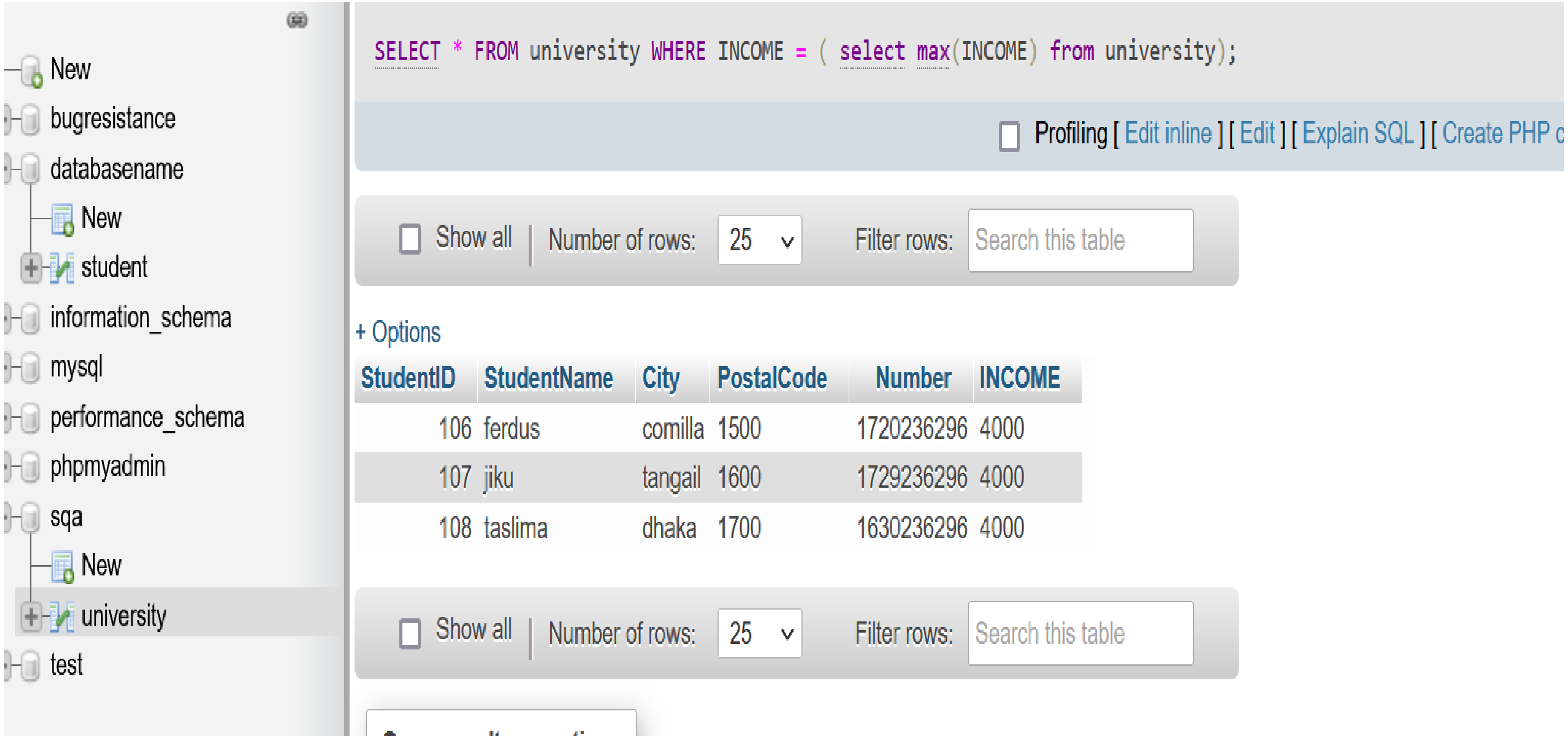


```
SELECT * FROM university WHERE Income BETWEEN 3250 AND 3800;
```

Number of rows: 25

StudentID	StudentName	City	PostalCode	Number	INCOME
101	torin	tangail	1000	1628236296	3500
102	nibir	rangpur	1100	1728236296	3250
103	masud	dhaka	1200	1727236296	3750
104	hridoy	dhaka	1300	1625236296	3800
105	tushar	tangail	1400	1623236296	3800
109	akib	tangail	1800	1732236296	3500

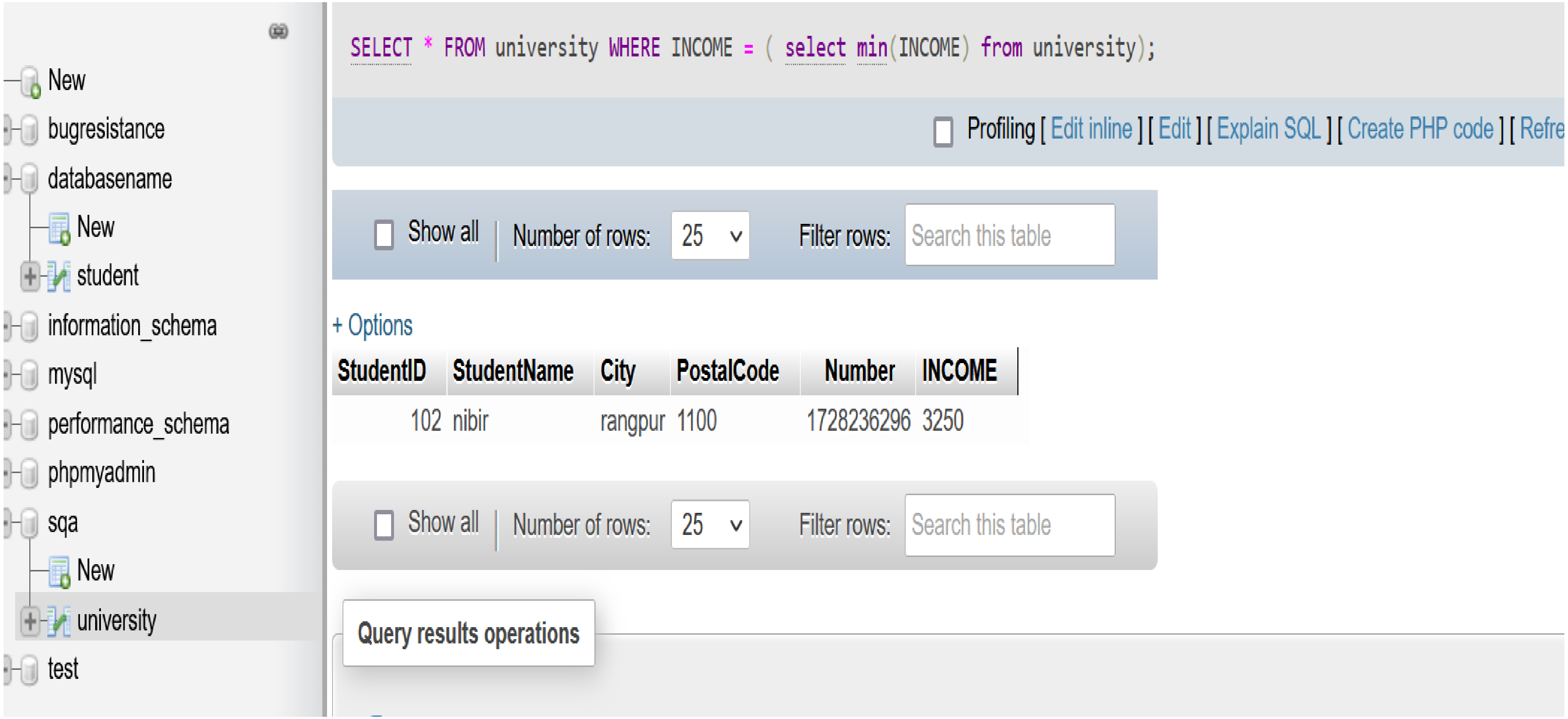
MAX Function:


New
bugresistance
databasename
New
student
information_schema
mysql
performance_schema
phpmyadmin
sqa
New
university
test
□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP c
□ Show all | Number of rows: 25 Filter rows: Search this table
+ Options
□ Show all | Number of rows: 25 Filter rows: Search this table

```sql
SELECT * FROM university WHERE INCOME = ( select max(INCOME) from university);
```

StudentID	StudentName	City	PostalCode	Number	INCOME
106	ferdus	comilla	1500	1720236296	4000
107	jiku	tangail	1600	1729236296	4000
108	taslima	dhaka	1700	1630236296	4000

MIN Function:

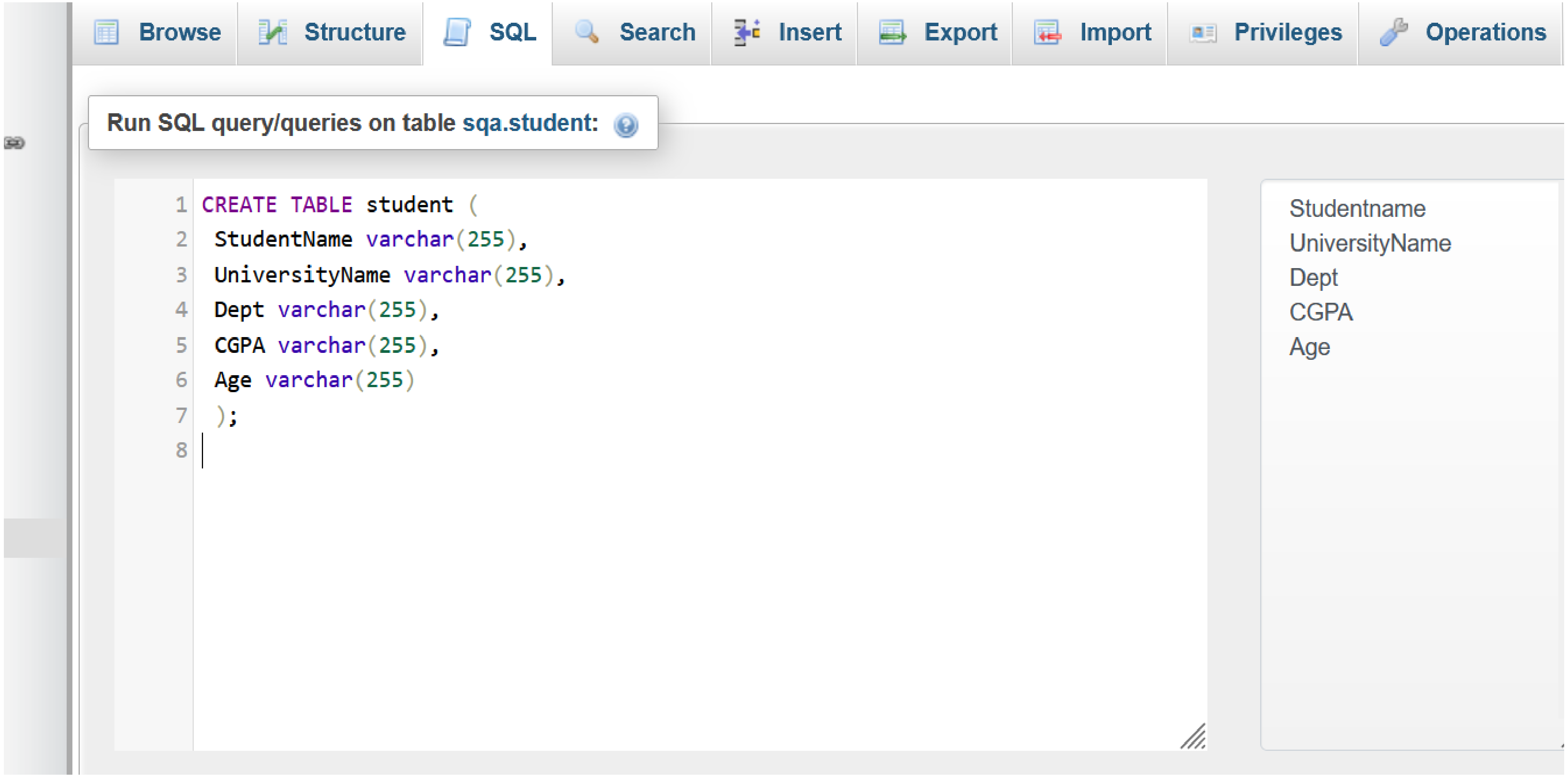


```
SELECT * FROM university WHERE INCOME = ( select min(INCOME) from university);
```

StudentID	StudentName	City	PostalCode	Number	INCOME
102	nibir	rangpur	1100	1728236296	3250

New
bugresistance
databasename
New
student
information_schema
mysql
performance_schema
phpmyadmin
sqa
New
university
test
□ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refre
□ Show all | Number of rows: 25 | Filter rows: Search this table
+ Options
□ Show all | Number of rows: 25 | Filter rows: Search this table
Query results operations

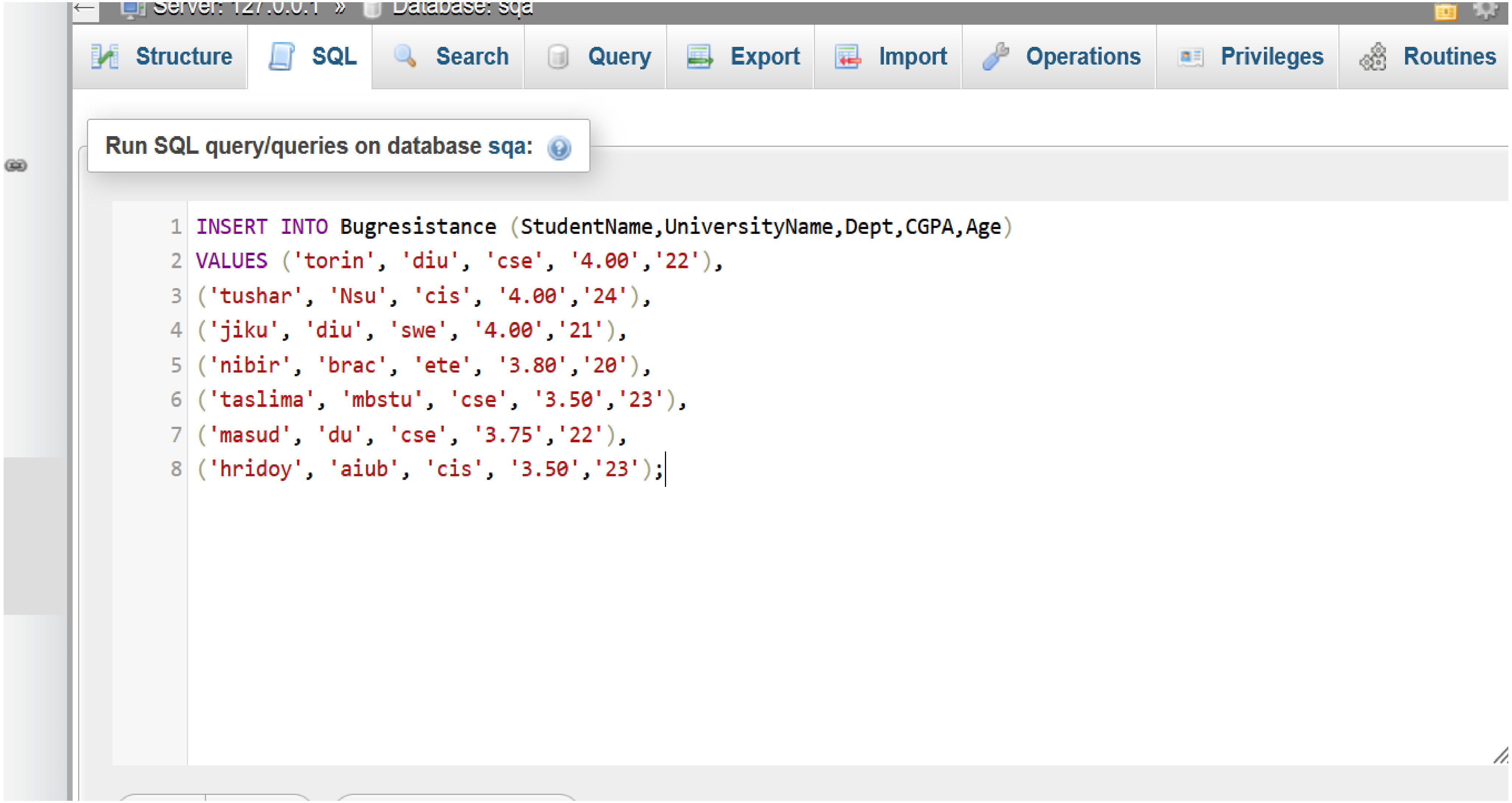
Create Student Table:



Run SQL query/queries on table sqa.student:

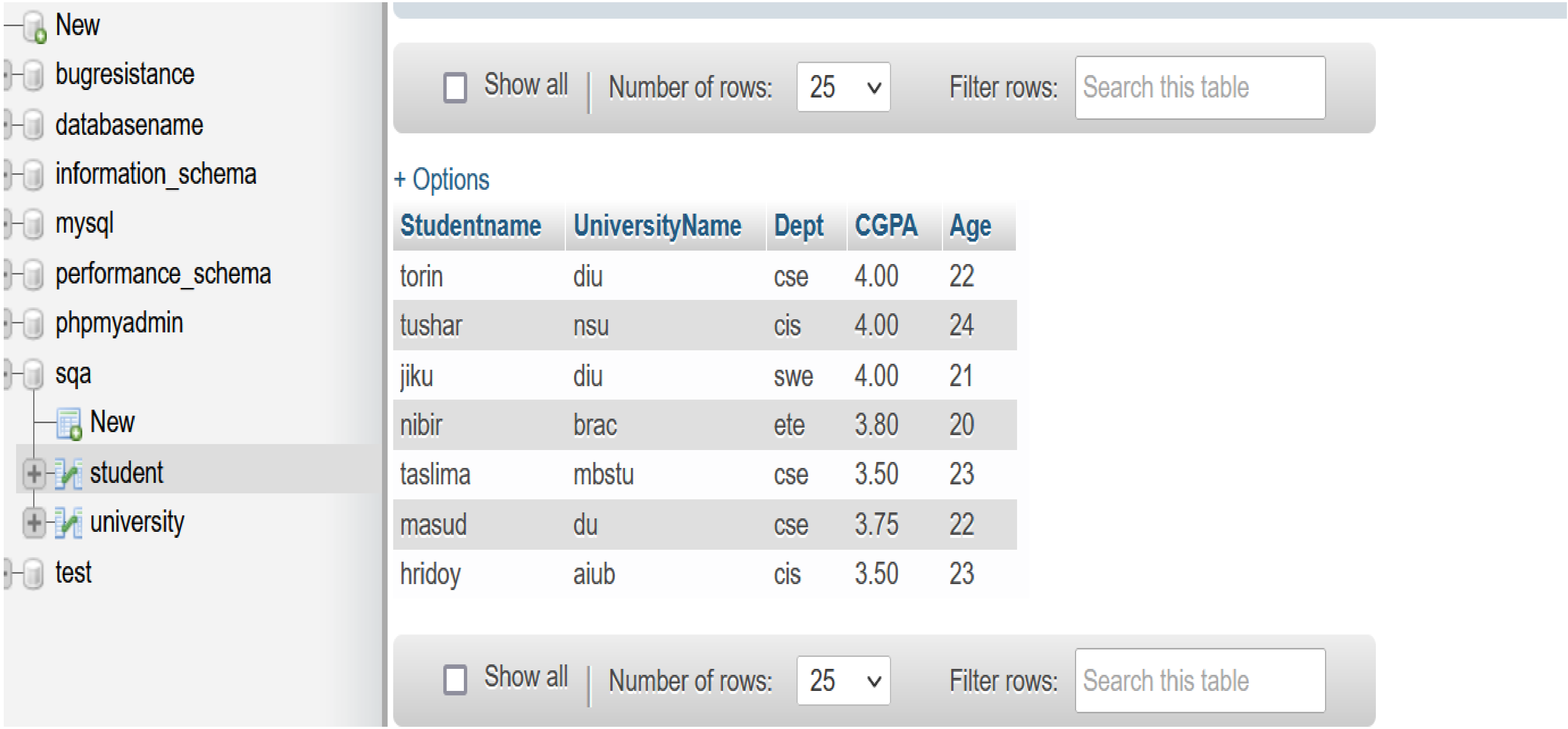
```
CREATE TABLE student (
 StudentName varchar(255),
 UniversityName varchar(255),
 Dept varchar(255),
 CGPA varchar(255),
 Age varchar(255)
 );
```

Insert values in Student:


Server: 127.0.0.1 » Database: sqa
Structure
SQL
Search
Query
Export
Import
Operations
Privileges
Routines
Run SQL query/queries on database sqa:

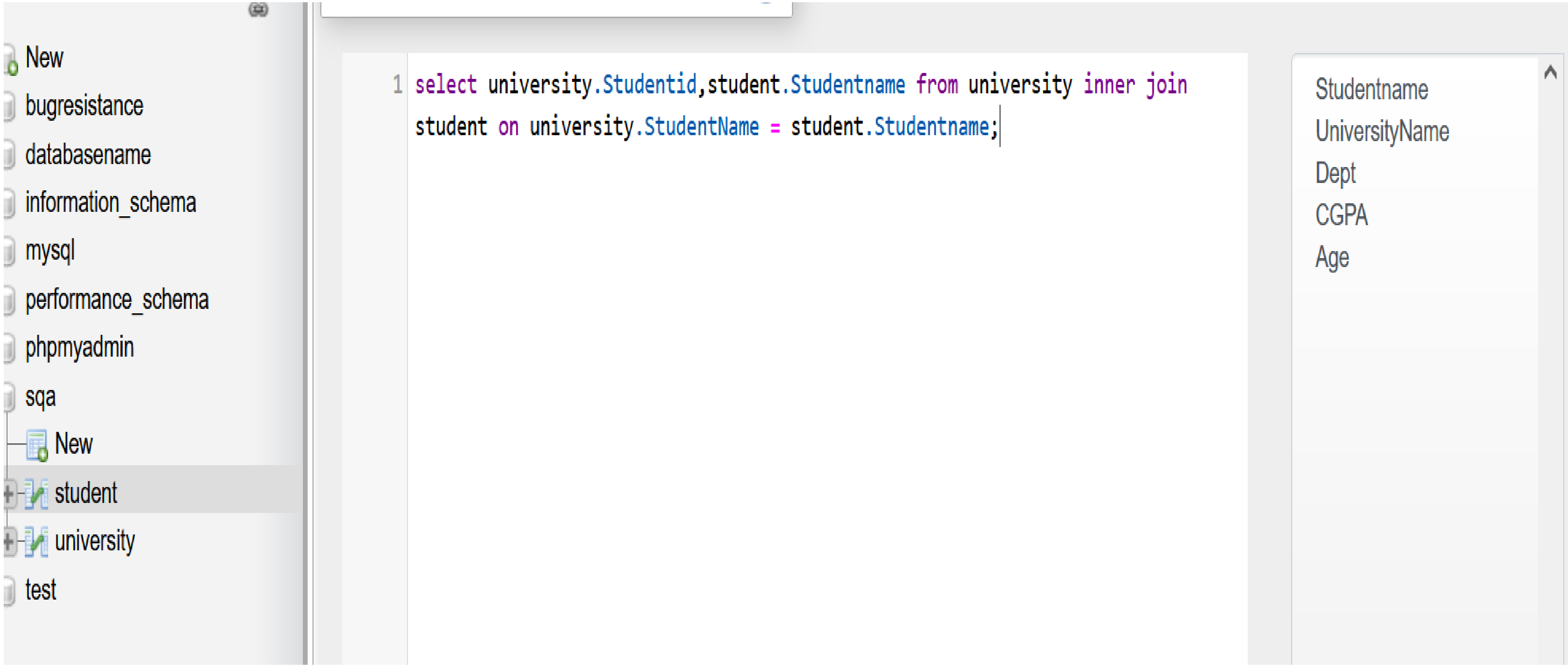
```sql
INSERT INTO Bugresistance (StudentName,UniversityName,Dept,CGPA,Age)
VALUES ('torin', 'diu', 'cse', '4.00','22'),
('tushar', 'Nsu', 'cis', '4.00','24'),
('jiku', 'diu', 'swe', '4.00','21'),
('nibir', 'brac', 'ete', '3.80','20'),
('taslima', 'mbstu', 'cse', '3.50','23'),
('masud', 'du', 'cse', '3.75','22'),
('hridoy', 'aiub', 'cis', '3.50','23');
```

Student Table:



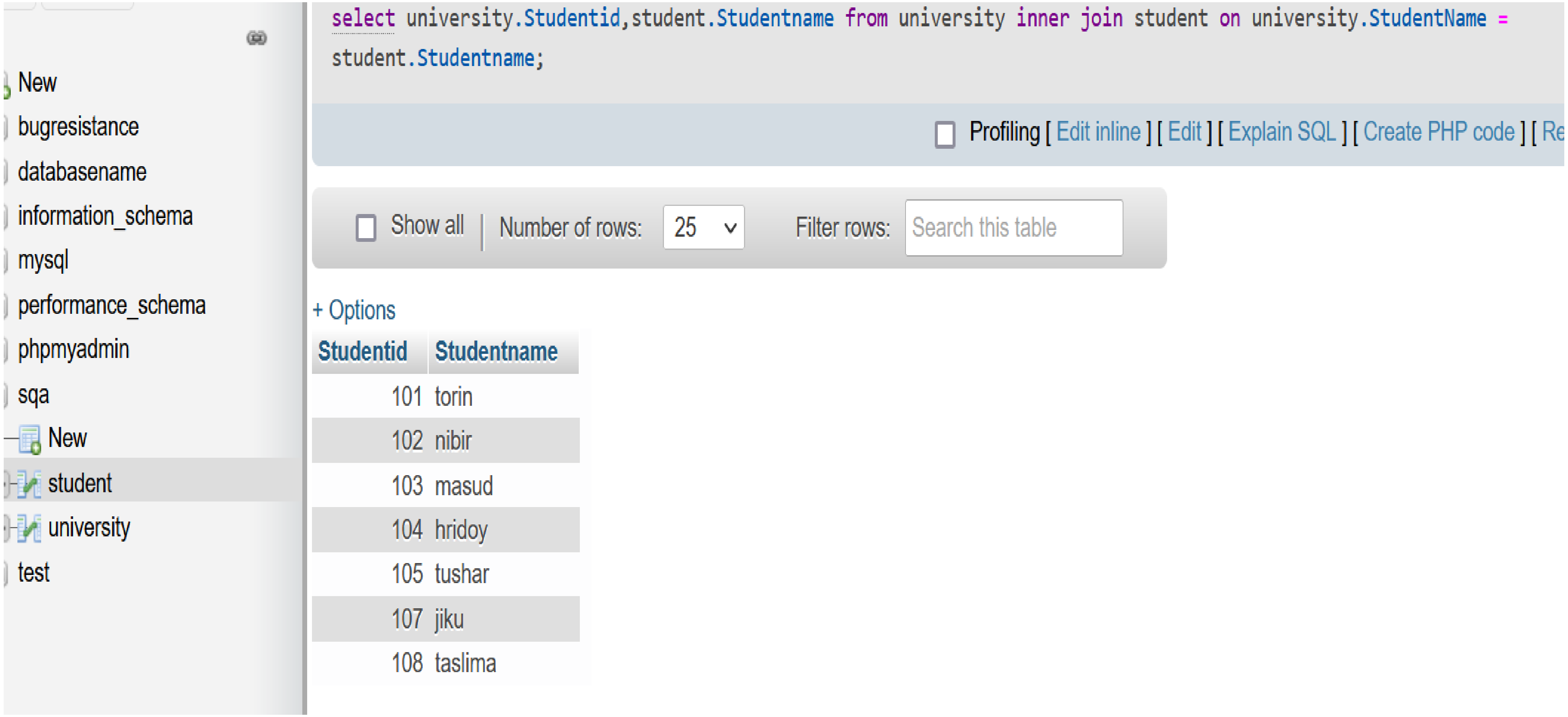
Studentname	UniversityName	Dept	CGPA	Age
torin	diu	cse	4.00	22
tushar	nsu	cis	4.00	24
jiku	diu	swe	4.00	21
nibir	brac	ete	3.80	20
taslima	mbstu	cse	3.50	23
masud	du	cse	3.75	22
hridoy	aiub	cis	3.50	23

Insert Values in Inner Join:



```
select university.Studentid,student.Studentname from university inner join
student on university.StudentName = student.Studentname;
```

Inner Join Table:



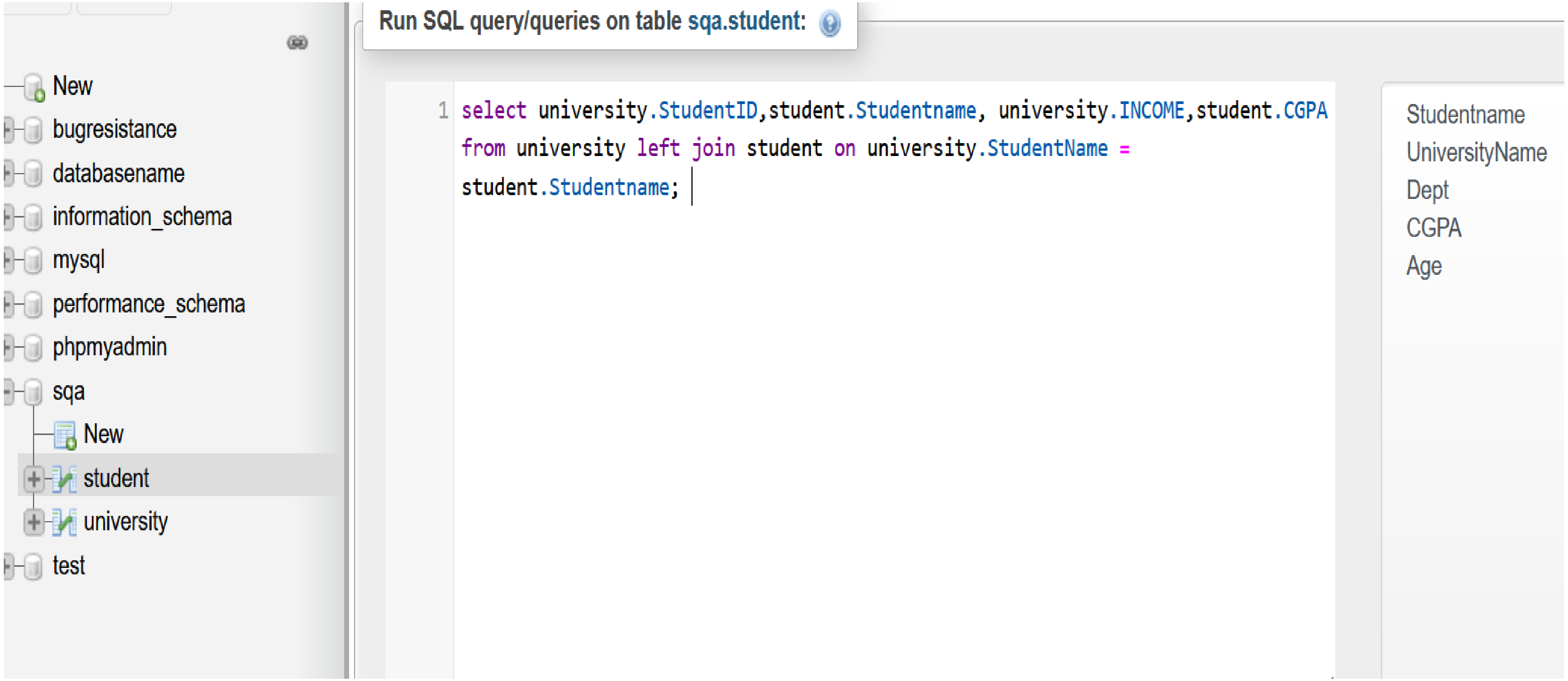
```
select university.Studentid,student.Studentname from university inner join student on university.StudentName =
student.Studentname;
```

Number of rows: 25

Filter rows: Search this table

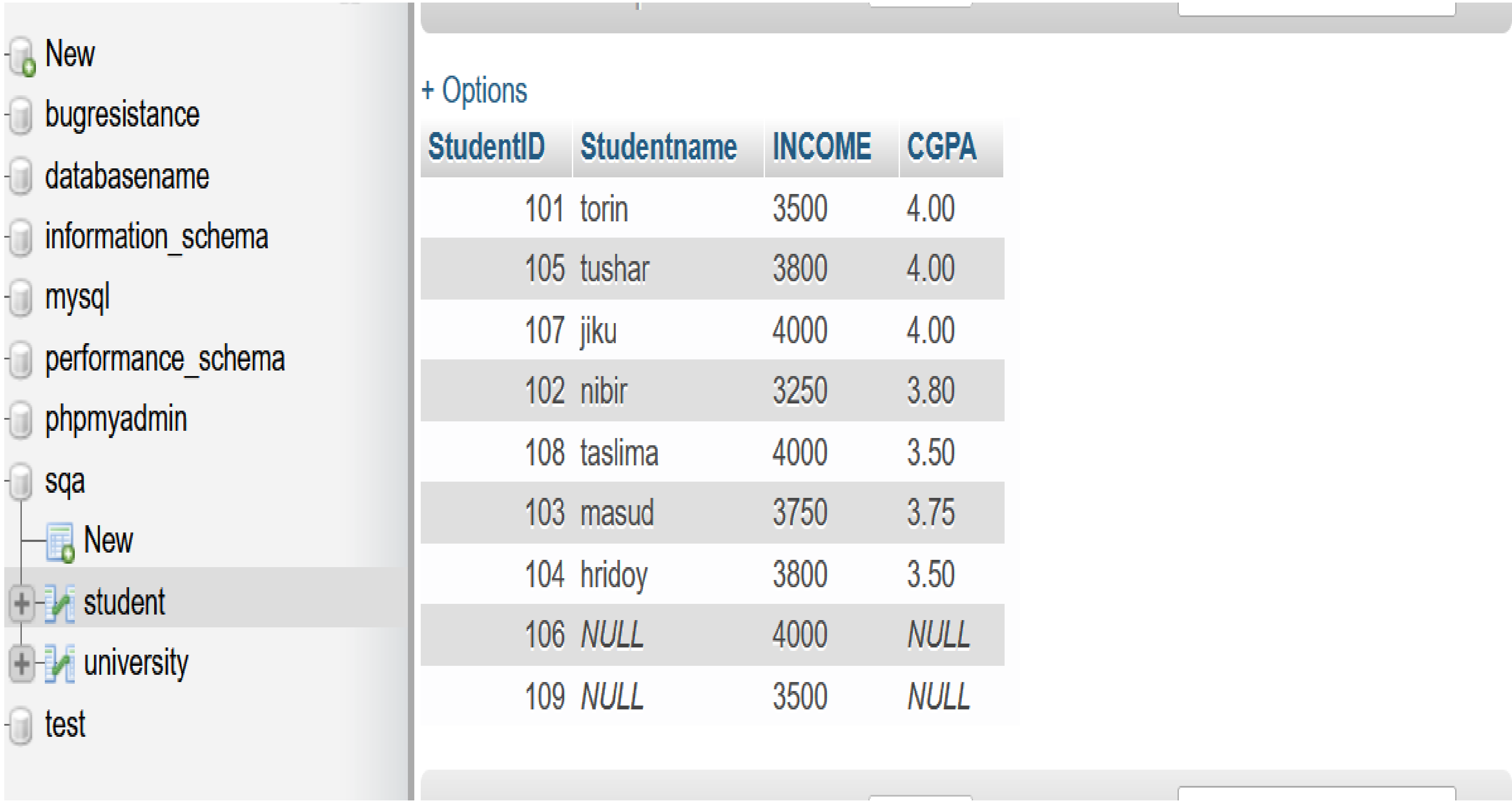
Studentid	Studentname
101	torin
102	nibir
103	masud
104	hridoy
105	tushar
107	jiku
108	taslima

Insert Values in Left Join:



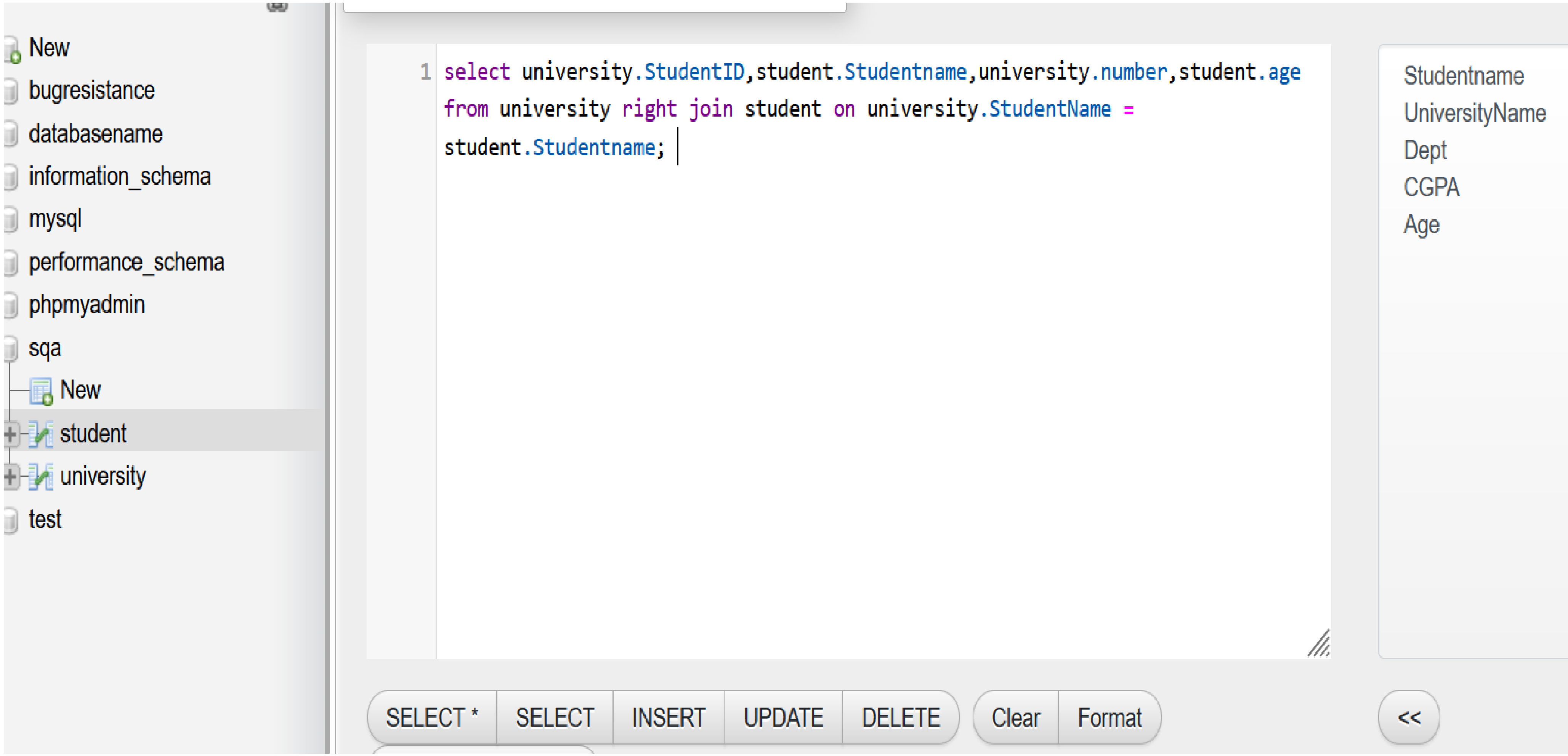
```
select university.StudentID,student.Studentname, university.INCOME,student.CGPA
from university left join student on university.StudentName =
student.Studentname;
```

Left Join Table:



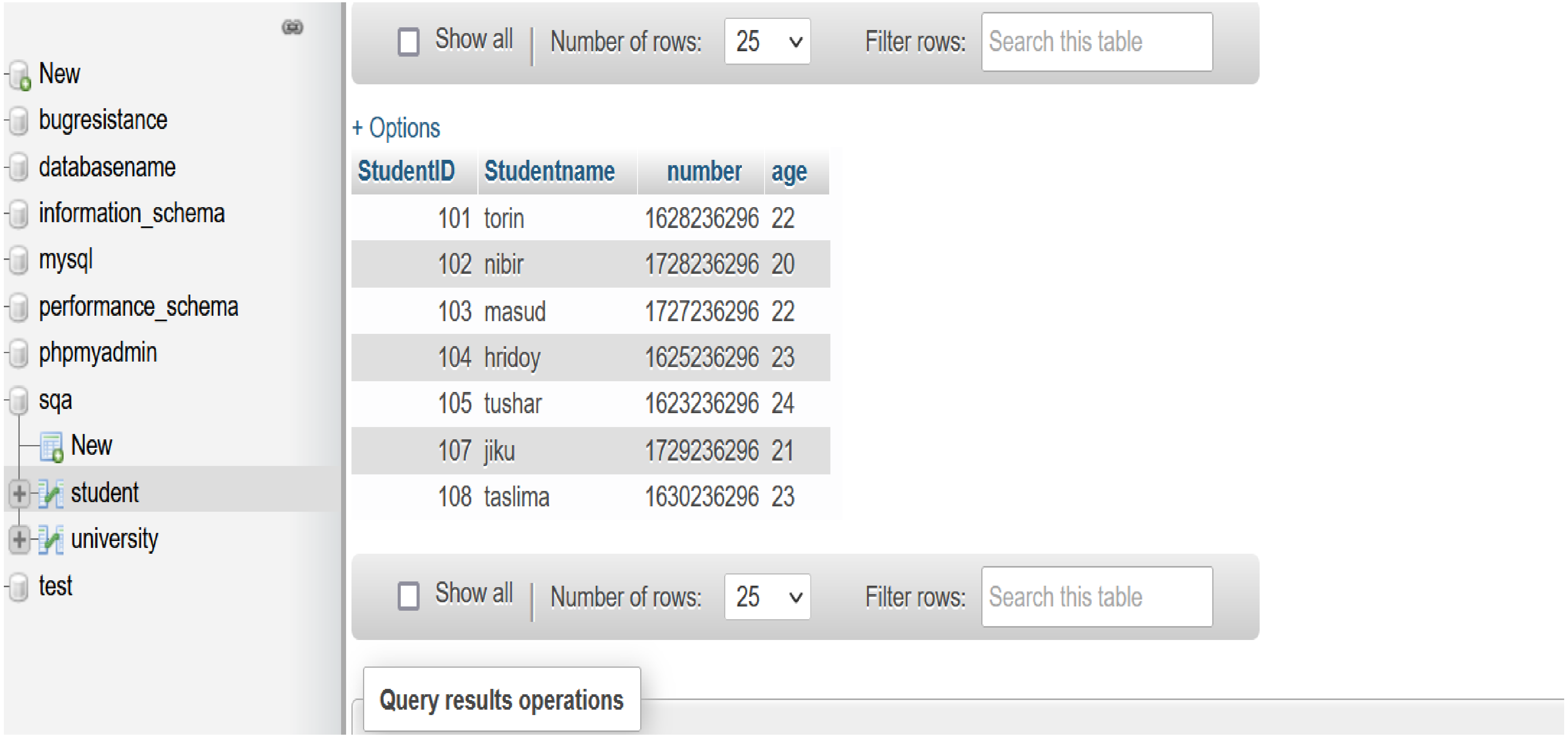
StudentID	Studentname	INCOME	CGPA
101	torin	3500	4.00
105	tushar	3800	4.00
107	jiku	4000	4.00
102	nibir	3250	3.80
108	taslima	4000	3.50
103	masud	3750	3.75
104	hridoy	3800	3.50
106	*NULL*	4000	*NULL*
109	*NULL*	3500	*NULL*

Insert Values in Right Join:



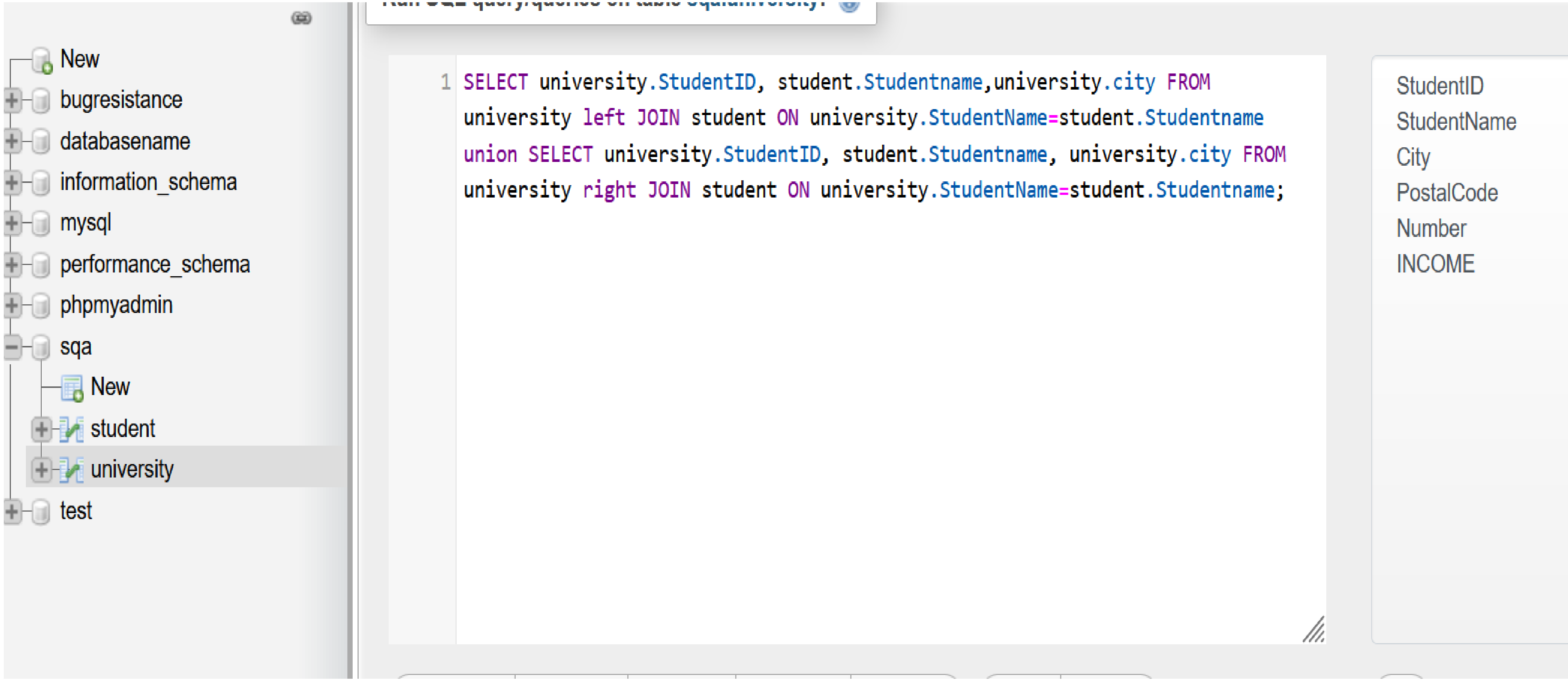
```
select university.StudentID,student.Studentname,university.number,student.age
from university right join student on university.StudentName =
student.Studentname;
```

Right Join Table:



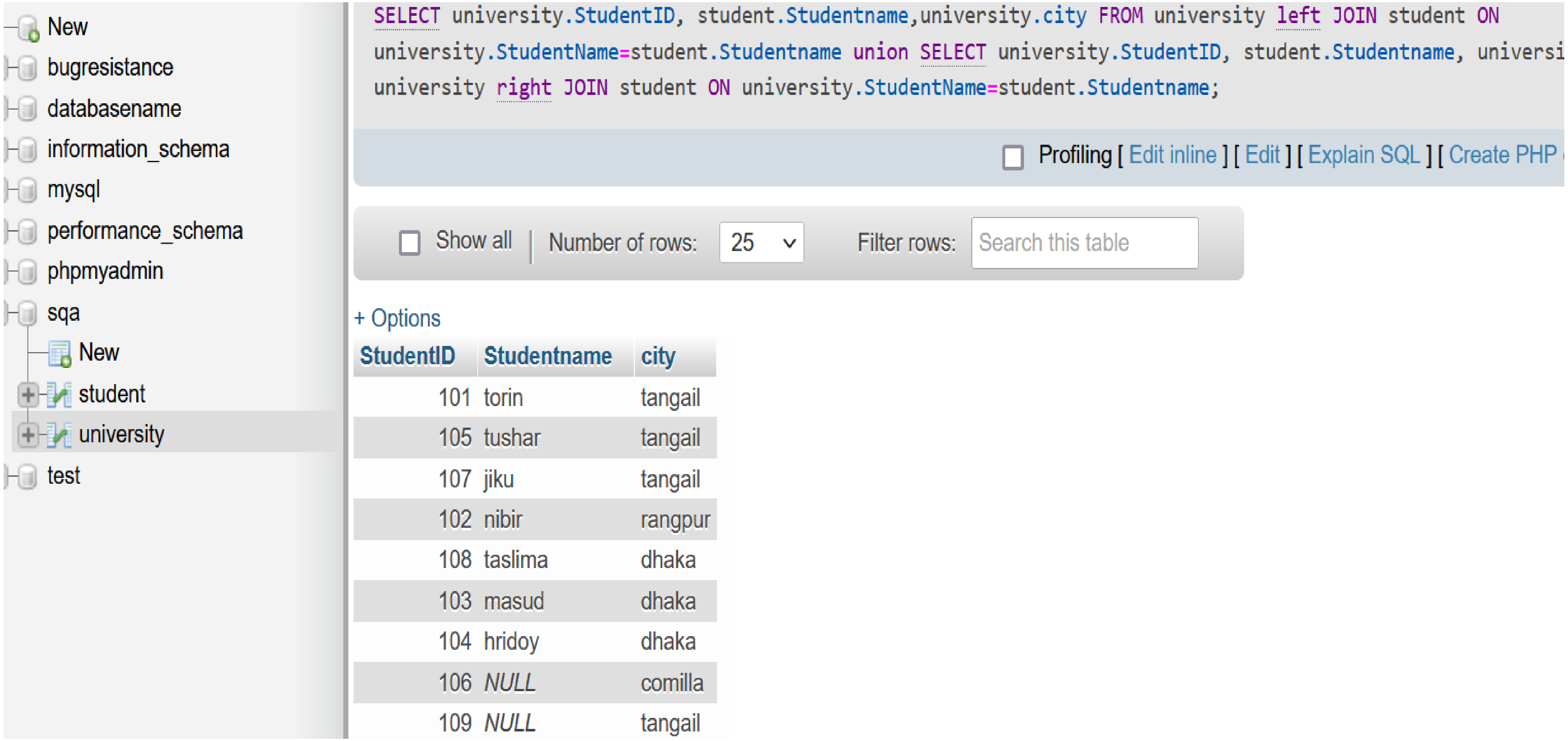
StudentID	Studentname	number	age
101	torin	1628236296	22
102	nibir	1728236296	20
103	masud	1727236296	22
104	hridoy	1625236296	23
105	tushar	1623236296	24
107	jiku	1729236296	21
108	taslima	1630236296	23

Insert Values in Full Join:



```
SELECT university.StudentID, student.Studentname,university.city FROM
university left JOIN student ON university.StudentName=student.Studentname
union SELECT university.StudentID, student.Studentname, university.city FROM
university right JOIN student ON university.StudentName=student.Studentname;
```

Full Join Table:



```
SELECT university.StudentID, student.Studentname,university.city FROM university left JOIN student ON
university.StudentName=student.Studentname union SELECT university.StudentID, student.Studentname, universi
university right JOIN student ON university.StudentName=student.Studentname;
```

StudentID	Studentname	city
101	torin	tangail
105	tushar	tangail
107	jiku	tangail
102	nibir	rangpur
108	taslima	dhaka
103	masud	dhaka
104	hridoy	dhaka
106	*NULL*	comilla
109	*NULL*	tangail