

ASSIGNMENT 3

Partho Protim Dey

Database Testing:

QUERY1:

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

`SELECT * FROM `student``

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

StudentID	StudentName	StudentCiry	PostalCode	Income
10	Partho	Bhola	4000	12000
11	Protim	Borishal	3500	15000
12	Sakib	Bagherhat	1800	12500
13	Jamal	Khulna	5000	16000
14	Alex	Bandarban	6860	15000
15	Ipshita	Dhaka	1200	12000
16	Rafa	Kushtiya	1400	10000
17	Ridita	Bhola	4000	14000
18	Adrita	Bhola	4050	11000
19	Adiba	Sylhet	1100	13500
20	Abir	Pabna	1000	13000

☐ Show all | Number of rows: 25 | Filter rows:

QUERY2:

Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Triggers

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔ Showing rows 0 - 8 (9 total, Query took 0.0002 seconds.)

SELECT DISTINCT StudentCiry FROM student;

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

Extra options

StudentCiry
Bhola
Borishal
Bagherhat
Khulna
Bandarban
Dhaka
Kushtiya
Sylhet
Pabna

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

Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Triggers

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Your SQL query has been executed successfully.

SELECT COUNT(DISTINCT StudentCiry) FROM student;

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Extra options

COUNT(DISTINCT StudentCiry)
9

Query results operations

Print
Copy to clipboard
Export
Display chart
Create view

QUERY3:

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✓ Showing rows 0 - 2 (3 total, Query took 0.0003 seconds.)

```
SELECT * FROM student WHERE StudentCity="Bhola";
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

StudentID	StudentName	StudentCity	PostalCode	Income
10	Partho	Bhola	4000	12000
17	Ridita	Bhola	4000	14000
18	Adrita	Bhola	4050	11000

☐ Show all | Number of rows: 25 | Filter rows:

Query results operations

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✓ Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

```
SELECT * FROM student WHERE StudentID = 011;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

StudentID	StudentName	StudentCity	PostalCode	Income
11	Protim	Borishal	3500	15000

☐ Show all | Number of rows: 25 | Filter rows:

QUERY4:

Browse
Structure
SQL
Search
Insert
Export
Import
Privileges
Operations
Triggers

Show query box

⚠️ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✔️ Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

SELECT * FROM student WHERE StudentCity = 'Bhola' AND age = '21';

☐ 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	StudentCity	PostalCode	Income	AGE
17	Ridita	Bhola	4000	14000	21

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

Query results operations

Print
Copy to clipboard
Export
Display chart
Create view

✔️ Showing rows 0 - 4 (5 total, Query took 0.0002 seconds.)

SELECT * FROM student WHERE StudentCity = 'Borishal' or AGE = '24';

☐ 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	StudentCity	PostalCode	Income	AGE	CGPA
11	Protim	Borishal	3500	15000	24	3.27
12	Sakib	Bagherhat	1800	12500	24	3.17
14	Alex	Bandarban	6860	15000	24	3.57
19	Adiba	Sylhet	1100	13500	24	3.67
20	Abir	Pabna	1000	13000	24	2.78

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

Query results operations

Print
Copy to clipboard
Export
Display chart
Create view

Server: 127.0.0.1 » Database: aiub » Table: student

BrowseStructureSQLSearchInsertExportImportPrivilegesOperationsTriggers

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✓ Showing rows 0 - 7 (8 total, Query took 0.0001 seconds.)

SELECT * FROM student WHERE NOT StudentCity = 'Bhola';

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

StudentID	StudentName	StudentCity	PostalCode	Income	AGE
11	Protim	Borishal	3500	15000	24
12	Sakib	Bagherhat	1800	12500	24
13	Jamal	Khulna	5000	16000	22
14	Alex	Bandarban	6860	15000	24
15	Ipshita	Dhaka	1200	12000	21
16	Rafa	Kushtiya	1400	10000	22
19	Adiba	Sylhet	1100	13500	24
20	Abir	Pabna	1000	13000	24

☐ Show all | Number of rows: 25 ▾ Filter rows:

Query results operations

Print Copy to clipboard Export Display chart Create view

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

✓ Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

```
SELECT * FROM student WHERE StudentCity = 'Pabna' AND (CGPA>=3.00 or AGE = 24);
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

StudentID	StudentName	StudentCity	PostalCode	Income	AGE	CGPA
20	Abir	Pabna	1000	13000	24	2.78

☐ Show all | Number of rows: 25 | Filter rows:

Query results operations

Print
 Copy to clipboard
 Export
 Display chart
 Create view

QUERY5:

✓ Showing rows 0 - 10 (11 total, Query took 0.0002 seconds.) [StudentCity: BAGHERHAT... - SYLHET...]

```
SELECT * FROM Student ORDER BY StudentCity;
```

☐ Profiling [\[Edit inline \]](#) [\[Edit \]](#) [\[Explain SQL \]](#) [\[Create PHP code \]](#) [\[Refresh \]](#)

☐ Show all | Number of rows: 25 | Filter rows:

Extra options

StudentID	StudentName	StudentCity	PostalCode	Income	AGE	CGPA
12	Sakib	Bagherhat	1800	12500	24	3.17
14	Alex	Bandarban	6860	15000	24	3.57
10	Partho	Bhola	4000	12000	23	3.30
17	Ridita	Bhola	4000	14000	21	3.57
18	Adrita	Bhola	4050	11000	25	2.87
11	Protim	Borishal	3500	15000	24	3.27
15	Ipshita	Dhaka	1200	12000	21	3.17
13	Jamal	Khulna	5000	16000	22	3.47
16	Rafa	Kushtiya	1400	10000	22	3.17
20	Abir	Pabna	1000	13000	24	2.78
19	Adiba	Sylhet	1100	13500	24	3.67

☐ Show all | Number of rows: 25 | Filter rows:

Query results operations

Print
 Copy to clipboard
 Export
 Display chart
 Create view

QUERY6:

Server: 127.0.0.1 » Database: aiub » Table: Student

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Show query box

✓ 1 row affected. (Query took 0.0020 seconds.)

```
UPDATE student SET StudentName = 'Ripa', StudentCity = 'Hatiya' where StudentID = 16;
```

[Edit inline] [Edit] [Create PHP code]

StudentID	StudentName	StudentCity	PostalCode	Income	AGE	CGPA
10	Partho	Bhola	4000	12000	23	3.30
11	Protim	Borishal	3500	15000	24	3.27
12	Sakib	Bagherhat	1800	12500	24	3.17
13	Jamal	Khulna	5000	16000	22	3.47
14	Alex	Bandarban	6860	15000	24	3.57
15	Ipshita	Dhaka	1200	12000	21	3.17
16	Ripa	Hatiya	1400	10000	22	3.17
17	Ridita	Bhola	4000	14000	21	3.57
18	Adrita	Bhola	4050	11000	25	2.87
19	Adiba	Sylhet	1100	13500	24	3.67
20	Abir	Pabna	1000	13000	24	2.78

☐ Show all | Number of rows: 25 ▾ | Filter rows:

Query results operations

QUERY7:

Show query box

✓ 0 rows affected. (Query took 0.0001 seconds.)

```
DELETE FROM student WHERE StudentName = 'Jamal';
```

[[Edit inline](#)] [[Edit](#)] [[Create PHP code](#)]

Extra options

StudentID	StudentName	StudentCity	PostalCode	Income	AGE	CGPA
10	Partho	Bhola	4000	12000	23	3.30
11	Protim	Borishal	3500	15000	24	3.27
12	Sakib	Bagherhat	1800	12500	24	3.17
14	Alex	Bandarban	6860	15000	24	3.57
15	Ipshita	Dhaka	1200	12000	21	3.17
16	Ripa	Hatiya	1400	10000	22	3.17
17	Ridita	Bhola	4000	14000	21	3.57
18	Adrita	Bhola	4050	11000	25	2.87
19	Adiba	Sylhet	1100	13500	24	3.67
20	Abir	Pabna	1000	13000	24	2.78



Show all

Number of rows:

25



Filter rows:

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

QUERY8:

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✓ Showing rows 0 - 7 (8 total, Query took 0.0002 seconds.)

```
SELECT * FROM student WHERE Income BETWEEN 10000 AND 14000;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

StudentID	StudentName	StudentCity	PostalCode	Income	AGE	CGPA
10	Partho	Bhola	4000	12000	23	3.30
12	Sakib	Bagherhat	1800	12500	24	3.17
15	Ipshita	Dhaka	1200	12000	21	3.17
16	Ripa	Hatiya	1400	10000	22	3.17
17	Ridita	Bhola	4000	14000	21	3.57
18	Adrita	Bhola	4050	11000	25	2.87
19	Adiba	Sylhet	1100	13500	24	3.67
20	Abir	Pabna	1000	13000	24	2.78

☐ Show all | Number of rows: 25 ▾ Filter rows:

Query results operations

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QUERY9:

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✓ Showing rows 0 - 0 (1 total, Query took 0.0002 seconds.)

```
SELECT min(Income) FROM student;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 ▾ Filter rows:

Extra options

min(Income)

10000

☐ Show all | Number of rows: 25 ▾ Filter rows:

Query results operations

Print Copy to clipboard Export Display chart Create view

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✓ Showing rows 0 - 0 (1 total, Query took 0.0001 seconds.)

```
SELECT MAX(Income) FROM student;
```

☐ Profiling [[Edit inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP code](#)] [[Refresh](#)]

☐ Show all | Number of rows: 25 ▾ Filter rows:






Extra options

MAX(Income)

15000

☐ Show all | Number of rows: 25 ▾ Filter rows:

Query results operations

 Print  Copy to clipboard  Export  Display chart  Create view