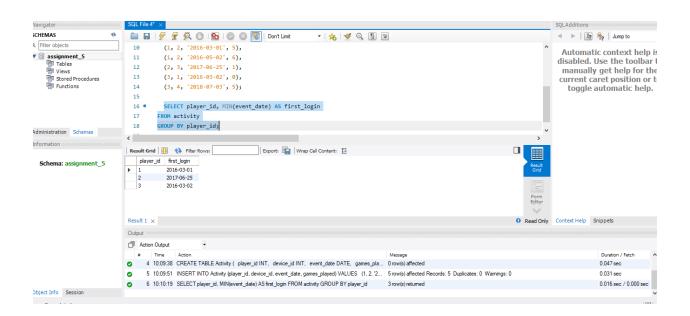Assignment-5

BUAN 6320: Database Foundations for Business Analytics
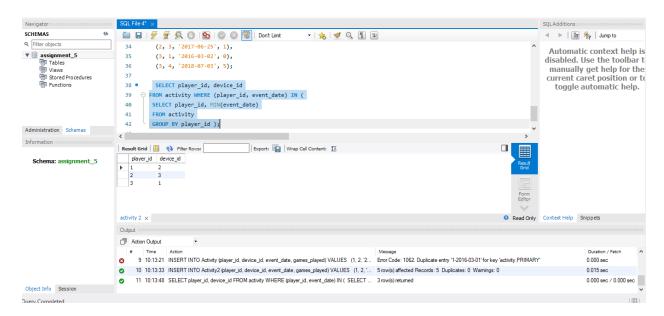
Submitted BY: Abhishek Arya

(NET ID: axa220149)

#SOLUTION 1 #

SOLUTION 2

```
34        (2, 3, '2017-06-25', 1),
35        (3, 1, '2016-03-02', 0),
36        (3, 4, '2018-07-03', 5);
37
38 ●    SELECT player_id, device_id
39      FROM activity WHERE (player_id, event_date) IN (
40        SELECT player_id, MIN(event_date)
41        FROM activity
42        GROUP BY player_id );
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

player_id	device_id
1	2
2	3
3	1

activity 2 ×   Read Only   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
❌ 9	10:13:21	INSERT INTO Activity (player_id, device_id, event_date, games_played) VALUES (1, 2, '2...	Error Code: 1062. Duplicate entry '1-2016-03-01' for key 'activity.PRIMARY'	0.000 sec
✅ 10	10:13:33	INSERT INTO Activity2 (player_id, device_id, event_date, games_played) VALUES (1, 2, '...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.015 sec
✅ 11	10:13:48	SELECT player_id, device_id FROM activity WHERE (player_id, event_date) IN (SELECT ...	3 row(s) returned	0.000 sec / 0.000 sec

SOLUTION 3

```
54        (2, 8),
55        (3, 8),
56        (4, 7),
57        (5, 9),
58        (6, 9);
59
60 ●    Select e.employee_id,
61        (select count(team_id) from Employee where e.team_id = team_id) as team_size
62        from Employee e;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

employee_id	team_size
1	3
2	3
3	3
4	1
5	2
6	2

Result 3 ×   Read Only   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✅ 12	10:15:32	CREATE TABLE Employee (employee_id INT, team_id INT, PRIMARY KEY (employee_...	0 row(s) affected	0.046 sec
✅ 13	10:15:47	INSERT INTO Employee (employee_id, team_id) VALUES (1, 8), (2, 8), (3, 8), (4, 7), (5...	6 row(s) affected Records: 6 Duplicates: 0 Warnings: 0	0.015 sec
✅ 14	10:16:17	Select e.employee_id, (select count(team_id) from Employee where e.team_id = team_id) as t...	6 row(s) returned	0.000 sec / 0.000 sec

SOLUTION 4

SCHEMAS

Filter objects

▼ 🗄 assignment_5
  ▶ 🗀 Tables
    🗀 Views
    🗀 Stored Procedures
    🗀 Functions

Administration   Schemas

Information

Schema: assignment_5

Object Info   Session

Don't Limit

Jump to

Automatic context help is
disabled. Use the toolbar t
manually get help for the
current caret position or t
toggle automatic help.

```
74        (1, 'john@example.com'),
75        (2, 'bob@example.com'),
76        (3, 'john@example.com');
77
78 ● DELETE FROM Person WHERE id NOT IN
79 ⊖ (SELECT * FROM(
80    SELECT MIN(id) FROM Person GROUP BY Email) as p);
81
82 ● SELECT * FROM person;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: 🅰

id	email
▶ 1	john@example.com
2	bob@example.com
* NULL	NULL

Result Grid

Form Editor

person 4 ×   Apply   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
❌ 20	10:19:21	DELETE FROM Person WHERE id NOT IN (SELECT * FROM(SELECT MIN(id) FROM Pers...	Error Code: 1175. You are using safe update mode and you tried to update a table without a ...	0.016 sec
✅ 21	10:20:42	DELETE FROM Person WHERE id NOT IN (SELECT * FROM(SELECT MIN(id) FROM Pers...	1 row(s) affected	0.016 sec
✅ 22	10:21:10	SELECT * FROM person	2 row(s) returned	0.000 sec / 0.000 sec

Query Completed