

BUAN 6320: Database Foundations for Business Analytics

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Assignment 1

Solution 1:

The screenshot shows a SQL IDE interface with a query editor, a result grid, and an output pane.

Query Editor:

```
13 (5, "Zack", 1),
14 (6, "Mark", 2);
15
16 • select name
17   from customer
18  where referee_id is null or referee_id != 2;
19 # SOLUTION 2#
20 • create table World(
```

Result Grid:

name
Will
Jane
Bill
Zack

Output Pane:

#	Time	Action	Message	Duration / Fetch
79	07:43:32	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec
80	07:45:27	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec
81	07:47:03	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec
82	07:48:19	select name , population , area from World where area >= 3000000 or population >= 25000000	2 row(s) returned	0.000 sec / 0.000 sec
83	07:49:37	select * from cinema where description <> 'boring' and (id % 2) <> 0 order by id desc	2 row(s) returned	0.000 sec / 0.000 sec
84	08:02:19	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec

Solution 2:

SQL File 5* SQL File 6*

Don't Limit

```

32 ('Andorra', 'Europe', 468, 78115, 3712000000),
33 ('Angola', 'Africa', 1246700, 20609294, 100990000000);
34
35
36 • select name , population , area
37 from World
38 where area >= 3000000 or population >= 25000000;
39

```

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

Result Grid

name	population	area
Afghanistan	25500100	652230
Algeria	37100000	2381741

World 10

Output

Action Output

#	Time	Action	Message	Duration / Fetch
80	07:45:27	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec
81	07:47:03	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec
82	07:48:19	select name , population , area from World where area >= 3000000 or population >= 25000000	2 row(s) returned	0.000 sec / 0.000 sec
83	07:49:37	select * from cinema where description <> 'boring' and (id % 2) <> 0 order by id desc	2 row(s) returned	0.000 sec / 0.000 sec
84	08:02:19	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec
85	08:03:15	select name , population , area from World where area >= 3000000 or population >= 25000000	2 row(s) returned	0.000 sec / 0.000 sec

Solution 3:

SQL File 5* SQL File 6*

Don't Limit

```

51 (4, 'Ice song', 'Fantasy', 8.6),
52 (5, 'House card', 'Interesting', 9.1);
53
54 • select *
55 from cinema
56 where description <> 'boring' and (id % 2) <> 0
57 order by id desc;

```

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

Result Grid

id	movie	description	rating
5	House card	Interesting	9.1
1	War	great 3D	8.9

cinema 11

Output

Action Output

#	Time	Action	Message	Duration / Fetch
81	07:47:03	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec
82	07:48:19	select name , population , area from World where area >= 3000000 or population >= 25000000	2 row(s) returned	0.000 sec / 0.000 sec
83	07:49:37	select * from cinema where description <> 'boring' and (id % 2) <> 0 order by id desc	2 row(s) returned	0.000 sec / 0.000 sec
84	08:02:19	select name from customer where referee_id is null or referee_id != 2	4 row(s) returned	0.000 sec / 0.000 sec
85	08:03:15	select name , population , area from World where area >= 3000000 or population >= 25000000	2 row(s) returned	0.000 sec / 0.000 sec
86	08:04:02	select * from cinema where description <> 'boring' and (id % 2) <> 0 order by id desc	2 row(s) returned	0.000 sec / 0.000 sec