

Juan Gonzalez HW 3

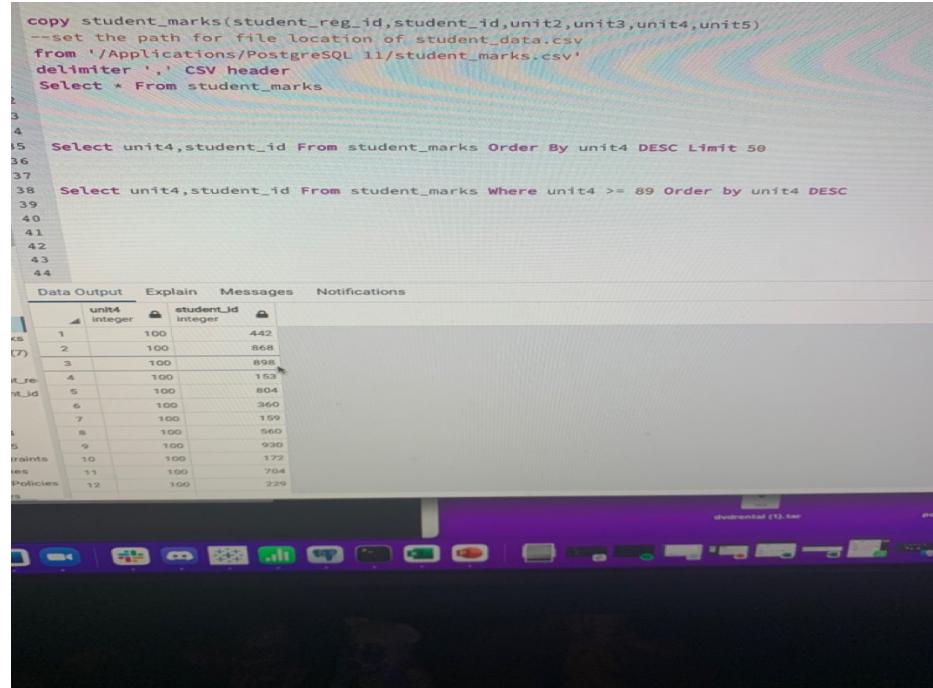
-- students with the highest marks in Unit 4

The screenshot shows a PostgreSQL Query Editor window. The code area contains a script to create a table and copy data from a CSV file, followed by a query to select the top 50 rows ordered by unit4 descending. The results table shows 12 rows of data with columns unit4 and student_id.

	unit4	student_id
1	100	898
2	100	309
3	100	735
4	100	890
5	100	153
6	100	307
7	100	652
8	100	732
9	100	812
10	100	868
11	100	942
12	100	970

Select unit4,student_id From student_marks Order By unit4 DESC Limit 50

```
-- students scored between 89 and 100 unit4  
Select unit4,student_id From student_marks Where unit4 >= 89 Order by  
unit4 DESC
```



```
copy student_marks(student_reg_id,student_id,unit2,unit3,unit4,units)
--set the path for file location of student_data.csv
from '/Applications/PostgreSQL 11/student_marks.csv'
delimiter ',' CSV header
Select * From student_marks

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5 Select unit4,student_id From student_marks Order By unit4 DESC Limit 50
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8 Select unit4,student_id From student_marks Where unit4 >= 89 Order by unit4 DESC
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```

	Data Output	Explain	Messages	Notifications
	unit4 integer	student_id integer		
(7)	100	442		
	100	868		
	100	898		
	100	153		
	100	804		
	100	360		
	100	159		
	100	560		
	100	930		
	100	172		
	100	704		
	100	229		

```
-- Select 5 highest scores from unit 2 and their names  
Select unit2, first_name,last_name From student_marks,student1  
Order by unit2 DESC Limit 5
```

```

29 set the path for file location of student_data.csv
30 from '/Applications/PostgreSQL 11/student_marks.csv'
31 delimiter ',' CSV header
32
33
34
35 Select * From student_marks
36
37
38 Select unit4,student_id From student_marks Order By unit4 DESC Limit 50
39
40 Select unit4,student_id From student_marks Where unit4 >= 89 Order by unit4 DESC
41
42
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Data Output Explain Messages Notifications


|   | unit2   | first_name        | last_name         |
|---|---------|-------------------|-------------------|
|   | integer | character varying | character varying |
| 1 | 100     | Shana             | Freund            |
| 2 | 100     | Tiebold           | Steers            |
| 3 | 100     | Pippo             | Moogest           |
| 4 | 100     | Darby             | Worley            |
| 5 | 100     |                   |                   |


```

-- Sex of top 10 students from unit 4

Select gender,unit4,student_id From student1,student_marks Order By unit4 DESC

```

5 Select unit4,student_id From student_marks Order By unit4 DESC Limit 50
6
7
38 Select unit4,student_id From student_marks Where unit4 >= 89 Order by unit4 DESC
39
40 Select unit2, first_name,last_name From student_marks,student1 Order by unit2 DESC
41
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45 Select gender,unit4,student_id From student1,student_marks Order By unit4 DESC
46
Data Output Explain Messages Notifications


|    | gender            | unit4   | student_id |
|----|-------------------|---------|------------|
|    | character varying | integer | integer    |
| 1  | Female            | 100     | 392        |
| 2  | Male              | 100     | 229        |
| 3  | Female            | 100     | 391        |
| 4  | Male              | 100     | 172        |
| 5  | Female            | 100     | 970        |
| 6  | Female            | 100     | 615        |
| 7  | Female            | 100     | 360        |
| 8  | Male              | 100     | 360        |
| 9  | Female            | 100     | 560        |
| 10 | Female            | 100     | 360        |
| 11 | Male              | 100     | 768        |
| 12 | Male              | 100     | 560        |


```