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Lecture 11 Exercise

🏠 Course Home

⭐ Gradeables

🔔 Notifications

🚪 Office Hours Queue

❓ Submini Polls

🗎 Course Materials

💬 Discussion Forum

📅 My Late Days/Extensions

📖 My Courses

👤 My Profile

☰ Collapse Sidebar

⏻ Logout Yihang

New submission for: Lecture 11 Exercise

Due: 10/10/2021 @ 04:00 PM EDT

Gradeable Time Remaining: 02 days 18 hours

You are given the baking database:

bakers(baker,fullname,age,occupation,hometown)

episodes(id,title,firstaired,viewers7day,signature,technical

results(episodeid,baker,result)
technicals(episodeid,baker,rank)

signatures(episodeid,baker,make)

showstoppers(episodeid,baker,make)

For each question, enter your SQL query directly in the box. Do not forget to put a semicolon at the end.

1. Return the fullname of all bakers who competed in the signature challenge for making 'Madeleines', order by fullname ascending.

Press TAB to indent. Press ESC to advance from answer area.

```sql
SELECT
    b.fullname

FROM
    bakers b
    ,signatures s

WHERE
    b.baker = s.baker
    and lower(s.make) like '%madeleines'

ORDER BY
    b.fullname;
```

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2. Return the fullname of bakers who never used 'ginger' in their signature make (the word ginger does not appear anywhere).

Press TAB to indent. Press ESC to advance from answer area.

```
SELECT
    b.fullname
FROM
    bakers b, signatures s

WHERE
    b.baker = s.baker

EXCEPT

SELECT
    b.fullname
FROM
    bakers b, signatures s
WHERE
    b.baker = s.baker
    and lower(s.make) like '%ginger%';
```

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3. Return the maximum viewers7day day value for an episode. Name the attribute maxviewers.

Press TAB to indent. Press ESC to advance from answer area.

```
SELECT
    max(viewers7day) as maxviewers
FROM
    episodes;
```

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4. Return the maximum absolute difference in viewers7day day value between two consecutive episodes. Name the returned attribute maxviewerdiff.

Press TAB to indent. Press ESC to advance from answer area.

```
SELECT
    max(e1.viewers7day - e2.viewers7day) as ma
FROM
    episodes e1, episodes e2

WHERE
    e1.id - e2.id = 1;
```

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5. Find the number of times each baker made a cake for a showstopper challenge (the word cake appears in the make attribute). Return the name of the baker, number of times they made a cake (name the attribute: numtimes). Order the results by numtimes descending and baker ascending.

Press TAB to indent. Press ESC to advance from answer area.

```
SELECT b.baker, COUNT(s.make) as numtimes FRO
showstoppers s,
bakers b
WHERE b.baker = s.baker and lower(s.make) like

GROUP BY b.baker

ORDER BY numtimes DESC, b.baker ASC;
```

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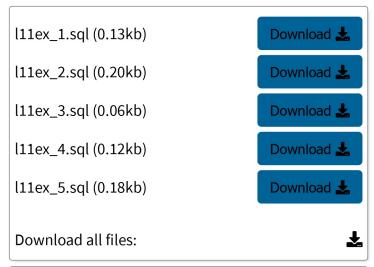
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Select Submission Version:

Version #5   Score: 50 / 50   GRADE THIS VI ⌄

Do Not Grade This Assignment

Note: This version of your assignment will be graded by the instructor/TAs and the score recorded in the gradebook.

Submitted Files

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First access timestamp:	10/07/2021 @ 09:15:05 PM EDT
Submission timestamp:	10/07/2021 @ 06:56:20 PM EDT
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Grading time:	26 seconds
Graded on machine:	worker4
Queue wait time:	0 seconds

50 / 50   **Autograding Total**

50 / 50   **l11ex**   Show Details

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