

New submission for: Lecture 13 Exercise

Due: 10/21/2020 @ 11:59 PM EDT

You are given the baking database:
bakers(baker,fullname,age,occupation,hometown)
episodes(id,title,firstaired,viewers7day,signature,technical,showstopper)
results(episodeid,baker,result) technicals(episodeid,baker,rank)
signatures(episodeid,baker,make)
showstoppers(episodeid,baker,make) favorites(episodeid,baker)

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

Note that you cannot change the existing tables. So, in this exercise, we will do all our updates in a new table. The queries will execute sequentially, so you must complete them in the order given below.

After each operation, we will simply show the contents of the points table.

Create a table as shown below:

create table points(baker varchar(100), pointvalue int) ;

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

```
CREATE TABLE points(baker VARCHAR(100), pointvalue INT);
```

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2. Insert into the points relation, a tuple for each baker with a pointvalue of zero.

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

```
INSERT INTO points (baker, pointvalue)
SELECT
    baker, 0
FROM
    bakers;
```

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3. Delete from the points relation all bakers where the baker value starts with a J.

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

```
DELETE FROM points
WHERE
    baker LIKE 'J%';
```

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4. Delete from the points relation all bakers who were eliminated in episodes 1-5 (inclusive).

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

```
DELETE FROM points
WHERE
    baker in (SELECT
        baker
        FROM
            results
        WHERE
            lower(result) LIKE '%eliminated%'
            AND episodeid > 0
            AND episodeid < 6
    );
```

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5. Update the points relation such that the point value for remaining bakers whose baker value does not start with 'D' isequal to the total number of episodes that they won star baker on plus the total number of episodes in which they won the technical challenge.

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

```
UPDATE points
SET pointvalue = (
    SELECT
        COUNT(episodeid)
    FROM
        results
    WHERE
        lower(results.result) LIKE '%star baker%' AND
        results.baker = points.baker
    ) + (
    SELECT
        COUNT(episodeid)
    FROM
        technicals
    WHERE
        technicals.rank = 1 AND
        technicals.baker = points.baker
    )
WHERE
    baker NOT LIKE 'D%';
```

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By clicking "Submit" you are confirming that you have read, understand, and agree to follow the Academic Integrity Policy.

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

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