```
1  select  a.name_of_school, a.community_area_name, a.AVERAGE_STUDENT_ATTENDaNCE
2   FROM CHICAGO_PUBLIC_SCHOOLS a left join census_data b
3  on a.community_area_number = b.community_area_number
4  where b.hardship_index = 98;
```

Syntax assistant

Result - Jul 22, 2021 1:4...

✓ select a.name_of_school, a.community_area_name, a.AVER...   Run time: **0.037 s**

Result set 1   Search

NAME_OF_SCHOOL	COMMUNITY_AREA_NAME	AVERAGE_STUDENT_ATTE
George Washington Carver ...	RIVERDALE	91.60%
George Washington Carver ...	RIVERDALE	90.90%
Ira F Aldridge Elementary S...	RIVERDALE	92.90%
William E B Dubois Element...	RIVERDALE	93.30%

```
5
6
7
8    ---E1Q2
9    SELECT A.CASE_NUMBER, A.PRIMARY_TYPE, B.COMMUNITY_AREA_NAME FROM
10   CHICAGO_CRIME_DATA A INNER JOIN CENSUS_DATA B
11   ON A.COMMUNITY_AREA_NUMBER = B.COMMUNITY_AREA_NUMBER
12   AND A.LOCATION_DESCRIPTION LIKE '%SCHOOL%';
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
```

Syntax assistant

Result - Jul 22, 2021 1:5...

SELECT A.CASE_NUMBER, A.PRIMARY_TYPE, B.CO...   Run time: **0.028 s**

Result set 1   Search

CASE_NUMBER	PRIMARY_TYPE	COMMUNITY_AREA_NAME
HK577020	NARCOTICS	Rogers Park
HL725506	BATTERY	Lincoln Square
HH639427	BATTERY	Austin
HS200939	CRIMINAL DAMAGE	Austin
HT315369	ASSAULT	East Garfield Park

5 /10 rows truncated to display.   **Show More**

```
14
15  --E2Q1
16  CREATE VIEW  SCHOOLS_VIEW (School_Name,Safety_Rating,Family_Rating,Environment_Rating,
17  Instruction_Rating, Leaders_Rating,Teachers_Rating) AS
18  SELECT  NAME_OF_SCHOOL,"Safety_Icon","Family_Involvement_Icon","Environment_Icon",
19  "Instruction_Icon","Leaders_Icon","Teachers_Icon" FROM CHICAGO_PUBLIC_SCHOOLS;
20
21  SELECT * FROM SCHOOLS_VIEW;
22
23  SELECT SCHOOL_NAME, SAFETY_RATING FROM SCHOOLS_VIEW;
24
25
26
27
28
29
30
31
32
33
34
35
36
```

SELECT SCHOOL_NAME, SAFETY_RATING FROM SC...   Run time: **0.036 s**

Result set 1   Search

SCHOOL_NAME	SAFETY_RATING
Abraham Lincoln Elementar...	Very Strong
Adam Clayton Powell Paidei...	Average
Adlai E Stevenson Elementa...	Strong
Agustin Lara Elementary Ac...	Average
Air Force Academy High Sch...	Average

5 /566 rows truncated to display.   **Show More**

```
--E3Q1
--#SET TERMINATOR @
CREATE OR REPLACE PROCEDURE UPDATE_LEADERS_SCORE
(IN SCHOOL_ID INTEGER, IN in_LEADER_SCORE INTEGER)

LANGUAGE SQL

BEGIN


END
@
```

```sql
--E3Q1
--#SET TERMINATOR @
CREATE OR REPLACE PROCEDURE UPDATE_LEADERS_SCORE
(IN in_SCHOOL_ID INTEGER, IN in_LEADER_SCORE INTEGER)

LANGUAGE SQL

BEGIN

UPDATE CHICAGO_PUBLIC_SCHOOLS
SET LEADER_SCORE = in_LEADER_SCORE
WHERE "School_ID"= in_SCHOOL_ID;


END
@
```

```sql
--E3Q1Q2Q3Q4
--#SET TERMINATOR @
CREATE OR REPLACE
PROCEDURE UPDATE_LEADERS_SCORE
(IN in_SCHOOL_ID INTEGER, IN in_Leader_Score INTEGER)

LANGUAGE SQL

BEGIN

  UPDATE CHICAGO_PUBLIC_SCHOOLS
  SET "Leaders_Score" = in_Leader_Score
  WHERE "School_ID" = in_SCHOOL_ID;

  --Update icon
  IF in_Leader_Score > 0 AND in_Leader_Score < 20 THEN
    UPDATE  CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Very Weak'
    WHERE "School_ID"= in_SCHOOL_ID;

  ELSEIF in_Leader_Score < 40 THEN
    UPDATE  CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Weak'
    WHERE "School_ID"= in_SCHOOL_ID;

  ELSEIF in_Leader_Score < 60 THEN
    UPDATE  CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Average'
    WHERE "School_ID"= in_SCHOOL_ID;

  ELSEIF in_Leader_Score < 80 THEN
    UPDATE  CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Strong'
    WHERE "School_ID"= in_SCHOOL_ID;

  ELSEIF in_Leader_Score < 100 THEN
    UPDATE  CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Very Strong'
    WHERE "School_ID"= in_SCHOOL_ID;

  END IF;

END
@
```

```sql
--E3Q1Q2Q3Q4
--#SET TERMINATOR @
CREATE OR |REPLACE
PROCEDURE UPDATE_LEADERS_SCORE
(IN in_SCHOOL_ID INTEGER, IN in_Leader_Score INTEGER)

LANGUAGE SQL

BEGIN

  UPDATE CHICAGO_PUBLIC_SCHOOLS
  SET "Leaders_Score" = in_Leader_Score
  WHERE "School_ID" = in_SCHOOL_ID;

  --Update icon
  IF in_Leader_Score > 0 AND in_Leader_Score < 20 THEN
    UPDATE CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Very Weak'
    WHERE "School_ID"= in_SCHOOL_ID;

  ELSEIF in_Leader_Score < 40 THEN
    UPDATE CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Weak'
    WHERE "School_ID"= in_SCHOOL_ID;

  ELSEIF in_Leader_Score < 60 THEN
    UPDATE CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Average'
    WHERE "School_ID"= in_SCHOOL_ID;

  ELSEIF in_Leader_Score < 80 THEN
    UPDATE CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Strong'
    WHERE "School_ID"= in_SCHOOL_ID;

  ELSEIF in_Leader_Score < 100 THEN
    UPDATE CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Very Strong'
    WHERE "School_ID"= in_SCHOOL_ID;

  END IF;

END
@
```

CREATE OR REPLACE PROCEDURE UPDATE_LEADERS_SCORE (IN in_SCHOOL_ID INTEG...   Run time: **0.290 s**

Status: **Success** | Affected Rows: **0**

Activate Windows

```
ELSEIF in_Leader_Score < 60 THEN
    UPDATE  CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Average'
    WHERE "School_ID"= in_SCHOOL_ID;

ELSEIF in_Leader_Score < 80 THEN
    UPDATE  CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Strong'
    WHERE "School_ID"= in_SCHOOL_ID;

ELSEIF in_Leader_Score < 100 THEN
    UPDATE  CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Icon" = 'Very Strong'
    WHERE "School_ID"= in_SCHOOL_ID;
ELSE
    ROLLBACK WORK;
END IF;

END
@
```

```sql
--E3Q1Q2Q3Q4
--#SET TERMINATOR @
CREATE OR   REPLACE
PROCEDURE UPDATE_LEADERS_SCORE
(IN in_SCHOOL_ID INTEGER, IN in_Leader_Score INTEGER)

LANGUAGE SQL

BEGIN

    UPDATE CHICAGO_PUBLIC_SCHOOLS
    SET "Leaders_Score" = in_Leader_Score
    WHERE "School_ID" =  in_SCHOOL_ID;

    --Update icon
    IF in_Leader_Score > 0 AND in_Leader_Score < 20 THEN
        UPDATE  CHICAGO_PUBLIC_SCHOOLS
        SET "Leaders_Icon" = 'Very Weak'
        WHERE "School_ID"= in_SCHOOL_ID;

    ELSEIF in_Leader_Score < 40 THEN
        UPDATE  CHICAGO_PUBLIC_SCHOOLS
        SET "Leaders_Icon" = 'Weak'
        WHERE "School_ID"= in_SCHOOL_ID;

    ELSEIF in_Leader_Score < 60 THEN
        UPDATE  CHICAGO_PUBLIC_SCHOOLS
        SET "Leaders_Icon" = 'Average'
        WHERE "School_ID"= in_SCHOOL_ID;

    ELSEIF in_Leader_Score < 80 THEN
        UPDATE  CHICAGO_PUBLIC_SCHOOLS
        SET "Leaders_Icon" = 'Strong'
        WHERE "School_ID"= in_SCHOOL_ID;

    ELSEIF in_Leader_Score < 100 THEN
        UPDATE  CHICAGO_PUBLIC_SCHOOLS
        SET "Leaders_Icon" = 'Very Strong'
        WHERE "School_ID"= in_SCHOOL_ID;
    ELSE
        ROLLBACK WORK;
    END IF;

    COMMIT WORK;

END
@
```