**Q37:** *P(R)* represents a pattern drawn by Julia in *R* rows. The following pattern represents *P(5)*:

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*

Write a query to print the pattern *P(20)*.

**Solution:**

Set @number=0;

select repeat('\* ', @number := @number+1)

from information\_schema.tables

where @number <20;

**Q38:** *P(R)* represents a pattern drawn by Julia in *R* rows. The following pattern represents *P(5)*:

\* \* \* \* \*

\* \* \* \*

\* \* \*

\* \*

\*

Write a query to print the pattern *P(20)*.

**Solution:**

Set @number=21;

select repeat('\* ', @number := @number-1)

from information\_schema.tables

where @number > 0;

**Q39:** Query the *Western Longitude* (*LONG\_W*)where the smallest *Northern Latitude* (*LAT\_N*) in STATION is greater than 38.7780 . Round your answer to  decimal places.

Input Format: The STATION table is described as follows:

****

where *LAT\_N* is the northern latitude and *LONG\_W* is the western longitude.

**Solution:**

SELECT ROUND(LONG\_W,4)

FROM STATION

WHERE LAT\_N > 38.7780

ORDER BY LAT\_N

LIMIT 1;

**Q40:** Query the smallest *Northern Latitude* (*LAT\_N*) from STATION that is greater than 38.7780. Round your answer to  decimal places.

Input Format: The STATION table is described as follows:



where *LAT\_N* is the northern latitude and *LONG\_W* is the western longitude.

**Solution:**

SELECT ROUND(LAT\_N,4)

FROM STATION

WHERE LAT\_N > 38.7780

ORDER BY LAT\_N

LIMIT 1;