/\* Find the number of songs that were written by the artist “Jason Aldean”. \*/

SELECT COUNT(S.stranum)

FROM song S

WHERE S.aname IN (SELECT A.aname

FROM artist A

WHERE A.aname= 'Jason Aldean')

/\* Find how many albums were released on 2018-04-13 \*/

SELECT A.date, COUNT(\*)

FROM album A

GROUP BY A.date

HAVING A.date= '2018-04-13'

/\* Find albums that have more than ten songs \*/

SELECT A.abname

FROM album A, song S, composed\_of C

WHERE A.abtranum = C.abtranum AND

C.stranum = S.stranum

GROUP BY S.aname

HAVING COUNT(\*)>10

/\* Find the names of all songs that were written by the artist “Pentatonix” \*/

SELECT S.sname

FROM song S

WHERE S.aname IN (SELECT A.aname

FROM artist A

WHERE A.aname= 'Pentatonix')

/\* Find the total number of songs that are featured by the featured artist ''Miranda Lambert' \*/

SELECT SUM(S.stranum)

FROM song S

WHERE EXISTS (SELECT \*

FROM feature F

WHERE S.stranum=F.stranum AND F.faname= 'Miranda Lambert')

/\* Find the total number of songs that are composed of the album ''From A Room: Volume 1' \*/

SELECT SUM(S.stranum)

FROM song S

WHERE EXISTS (SELECT \*

FROM composed\_of C, album A

WHERE S.stranum=C.stranum AND C.abtranum=A.abtranum AND A.abname= 'From A Room: Volume 1')

/\* Find name of artist with the maximum songs \*/

SELECT S.aname

FROM song S

WHERE S.stranum >= ALL (SELECT S2.stranum

FROM song S2)

/\* Find name of featured artist with the maximum songs \*/

SELECT F.faname

FROM feature F

WHERE F.stranum >= ALL (SELECT F2.stranum

FROM feature F2)

/\* Find artists whose songs are greater than that of one artist called “Chris Stapleton”. \*/

SELECT S.aname

FROM song S

WHERE S.stranum > ANY (SELECT S2.stranum

FROM song S2

S2.aname='Chris Stapleton')

/\* Find featured artists whose songs are greater than that of one featured artist called “'Miranda Lambert”. \*/

SELECT F.faname

FROM feature F

WHERE F.stranum > ANY (SELECT F2.stranum

FROM feature F2

F2.faname='Miranda Lambert')