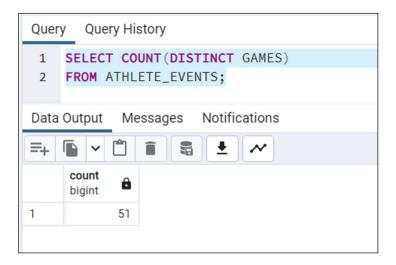
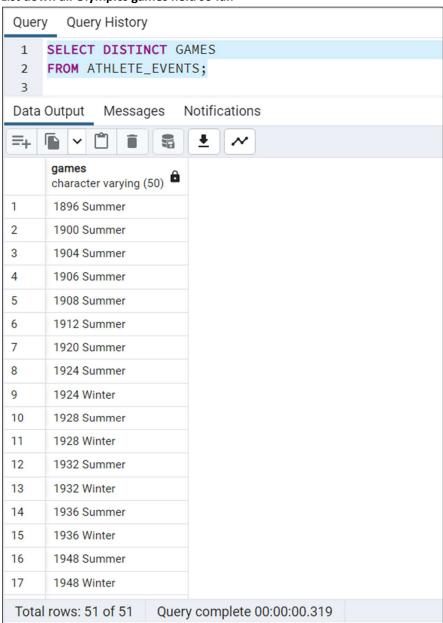
Olympic History: Athletes and Results SQL Script Result

Questions/Answers

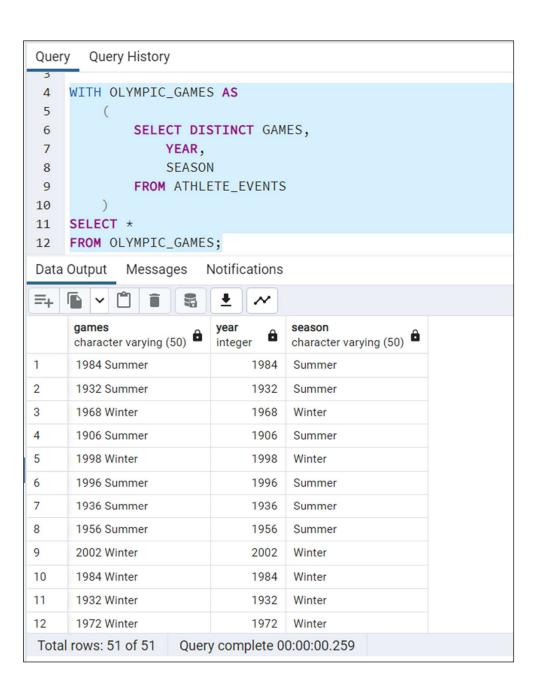
1. How many Olympics games have been held?



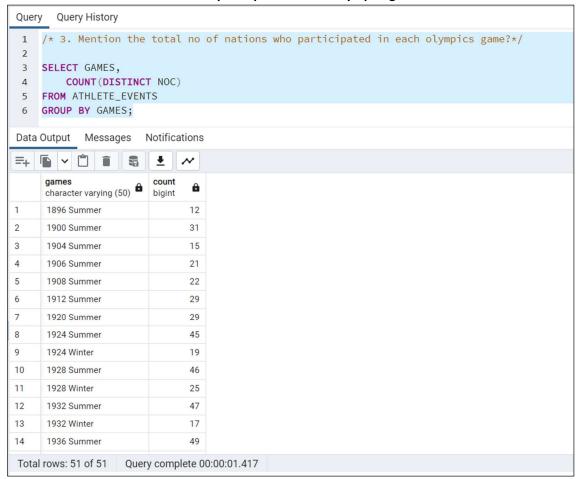
2. List down all Olympics games held so far.



OR



3. Mention the total no of nations who participated in each Olympics game?



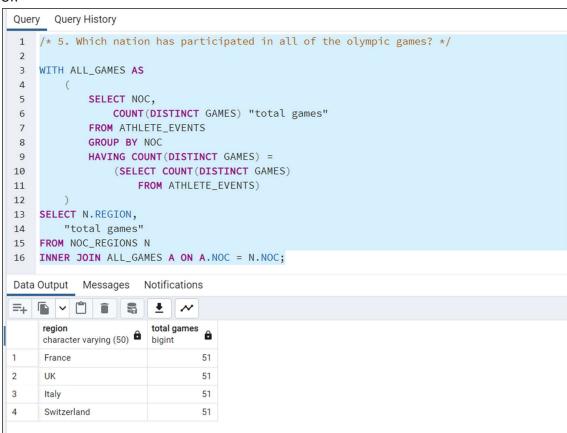
4. Which year saw the highest and lowest no of countries participating in Olympics?



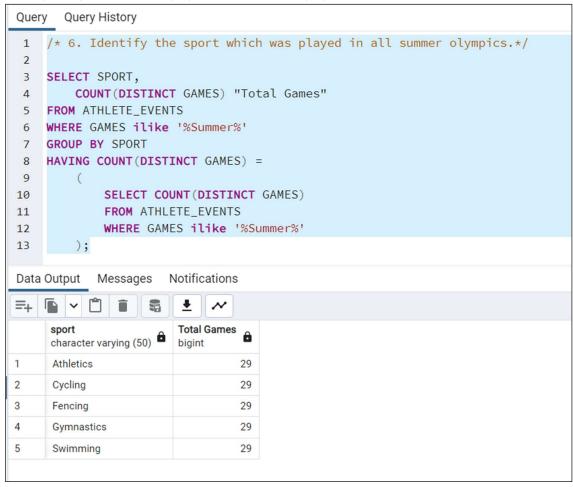
5. Which nation has participated in all the Olympic games?

```
Query Query History
    /* 5. Which nation has participated in all of the olympic games? */
 2
 3
    SELECT N.REGION,
 4
         COUNT(DISTINCT GAMES)
    FROM NOC_REGIONS N
 5
    INNER JOIN ATHLETE_EVENTS A ON A.NOC = N.NOC
 6
 7
    GROUP BY A.NOC,
 8
         N.REGION
 9
    HAVING COUNT(DISTINCT GAMES) =
10
             SELECT COUNT(DISTINCT GAMES)
11
12
             FROM ATHLETE_EVENTS
13
        );
Data Output Messages Notifications
=+ | | | | | | | | |
                         #
                             ~
                               â
     character varying (50)
1
     France
                               51
2
     UK
                               51
3
     Italy
                               51
4
     Switzerland
                               51
```

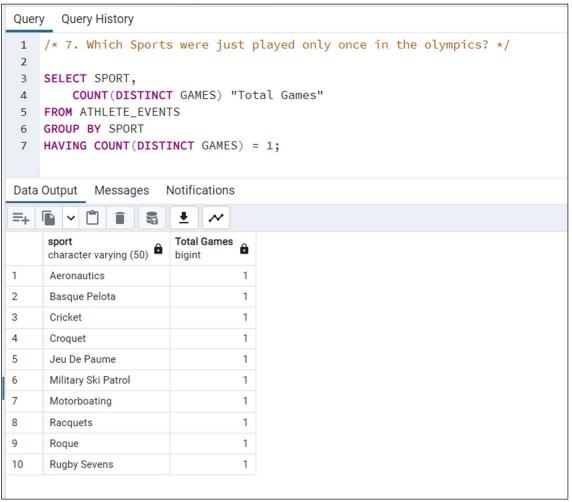
OR



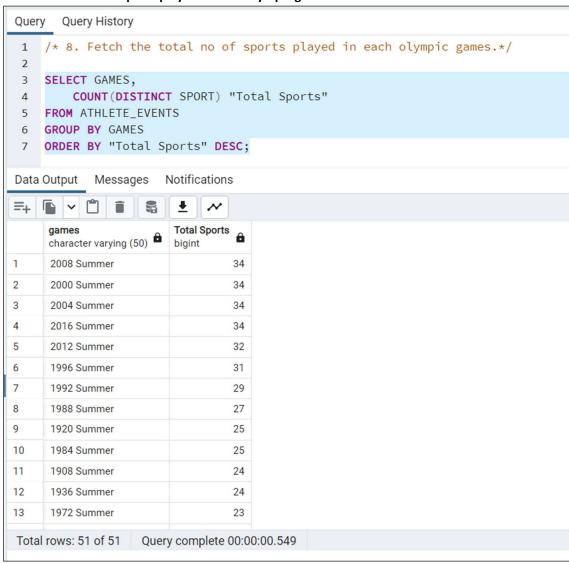
6. Identify the sport which was played in all summer Olympics.



7. Which Sports were just played only once in the Olympics?



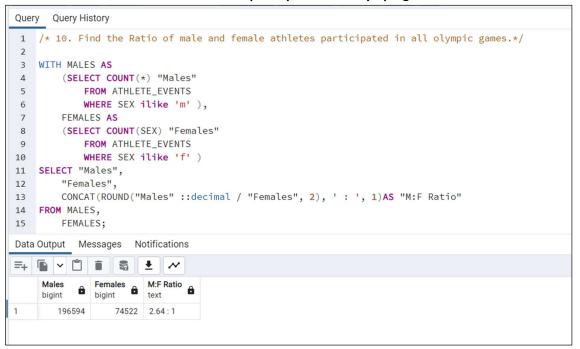
8. Fetch the total no of sports played in each Olympic game.



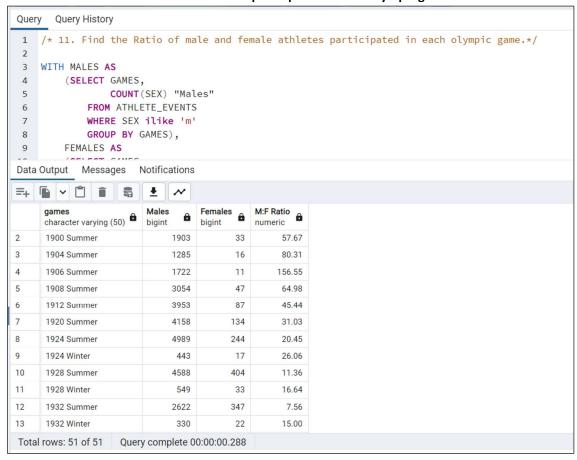
9. Fetch details of the oldest athletes to win a gold medal.



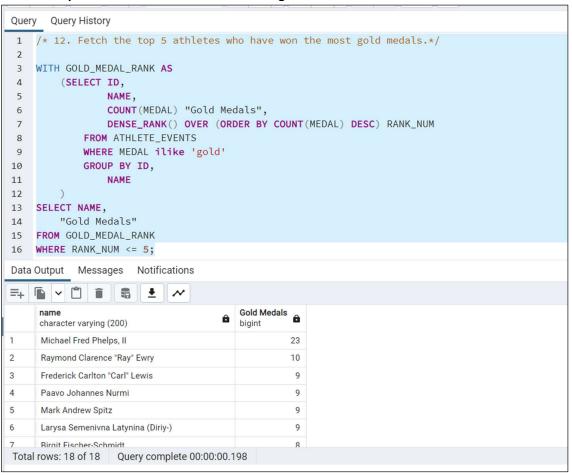
10. Find the Ratio of male and female athletes participated in all Olympic games.



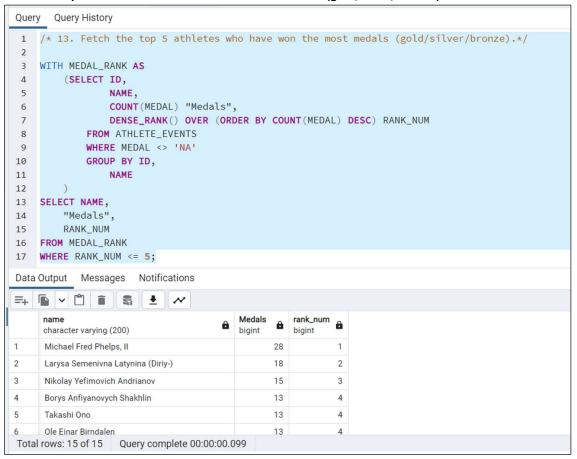
11. Find the Ratio of male and female athletes participated in each Olympic game.



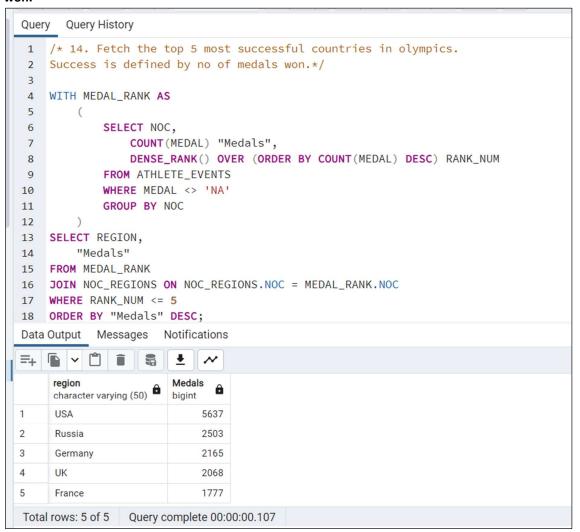
12. Fetch the top 5 athletes who have won the most gold medals.



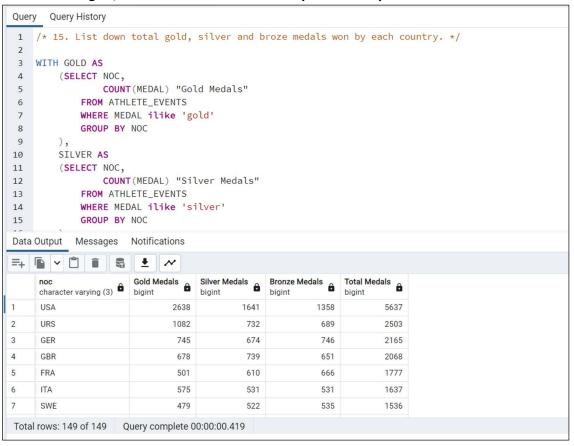
13. Fetch the top 5 athletes who have won the most medals (gold/silver/bronze).



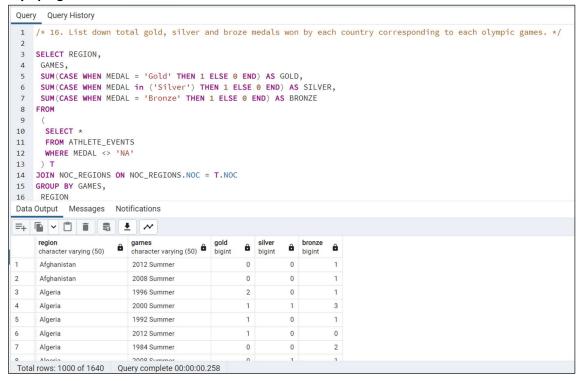
14. Fetch the top 5 most successful countries in Olympics. Success is defined by no of medals won.



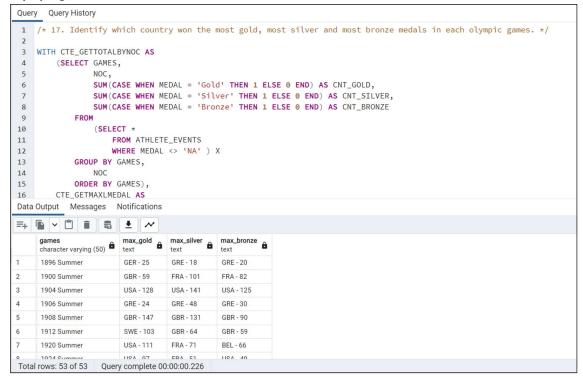
15. List down total gold, silver and bronze medals won by each country.



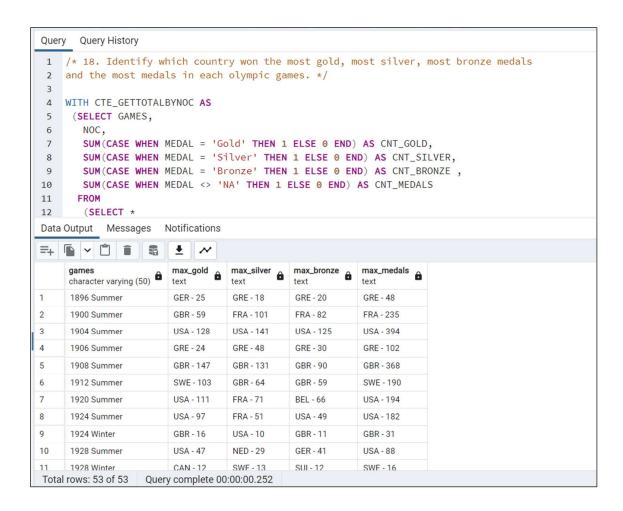
16. List down total gold, silver and bronze medals won by each country corresponding to each Olympic game.



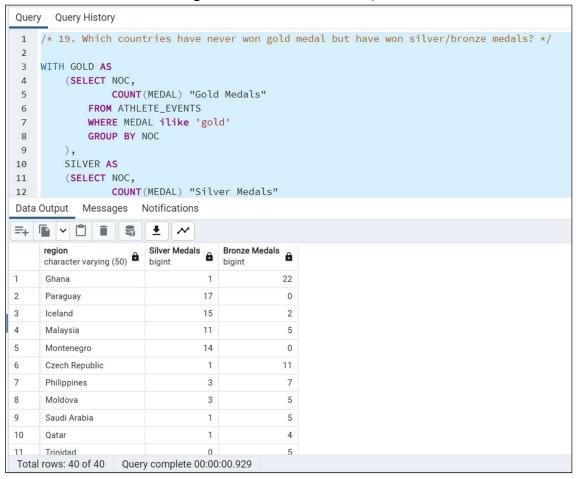
17. Identify which country won the most gold, most silver, and most bronze medals in each Olympic game.



18. Identify which country won the most gold, most silver, most bronze medals and the most medals in each Olympic game.



19. Which countries have never won gold medal but have won silver/bronze medals?



20. In which Sport/event, India has won highest medals?

```
Query Query History
    /* 20. In which Sport/event, India has won highest medals? */
 2
    WITH MEDALS AS
 3
 4
      (SELECT SPORT,
 5
                COUNT (MEDAL) "total"
 6
            FROM ATHLETE_EVENTS
 7
           WHERE NOC ilike 'ind'
 8
           GROUP BY SPORT
            ORDER BY COUNT (MEDAL)
 9
      ),
10
11
      RANK_SPORT AS
        (SELECT *,
12
                RANK() OVER(ORDER BY "total" DESC) AS "rank"
13
            FROM MEDALS
14
15
      )
16 SELECT SPORT,
        "total"
17
    FROM RANK_SPORT
18
19 WHERE "rank" = 1;
Data Output Messages Notifications
=+ 6 ~ 6 6
    character varying (50)
                             â
                      bigint
                            345
1
     Hockey
```

21. Break down all Olympic games where India won medal for Hockey and how many medals in each Olympic game.

