**Olympics Data set:**

**Introduction:**

* **The Olympic Games are normally held every four years, alternating between the Summer and Winter Olympics every two years in the four-year period.**
* **The Given Data Set is having information from 2000 to 2012(Summer and Winter Olympics Data).**
* **It has information about all types of Sports and Conducted year, Country Athletic Names who participated in the Olympics and different medals won by each Athletic from different countries. For every events there are winners. Therefore, various data is generated.**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**USE Olympic ;**

**using database named 'olympic'**

**SELECT \* from new\_cdata\_olympic;**

**displaying all columns from table 'new\_cdata\_olypic'**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

**QUERIES:**

**1.)Find the average number of medals won by each country?**

**SELECT country, avg(total\_medal) FROM new\_cdata\_olympic GROUP BY country;**

**comment: This query shows the average number of medals of each country**.

**2.)Display the countries and the number of gold medals they have won in decreasing order?**

**SELECT country,sum(gold\_medal) FROM new\_cdata\_olympic GROUP BY country ORDER BY sum(gold\_medal) DESC;**

**comment: This query displays the countries and the number of gold medals they have won in decreasing order.**

**3)Display the list of people and the medals they have won in descending order, grouped by their country?**

**SELLECT name,sum(total\_medal),country FROM new\_cdata\_olympic GROUP BY country ORDER BY sum(total\_medal)DESC;**

**comment**: **This query displays the list of people and the medals they have won in descending order, grouped by their country**.

**4)Display the list of people with the medals they have won according to their their age?**

**SELECT name,total\_medal,age FROM new\_cdata\_olympic ORDER BY age;**

**comment**: **This query displays the list of people with the medals they have won according to their age.**

**5)Which country has won the most number of medals (cumulative)**

**SELECT country AS "country\_name”, count(total\_medal) AS "number\_of\_medals",year FROM new\_cdata\_olympic GROUP BYyear;**

**Comment:United States country has won the most number of medals (cumulative**).

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*