1. **Write a Hive program to find the number of medals won by each country in swimming.**

create table olympic\_data(  
athlete string,  
age int,  
country string,  
year int,  
closing\_date date,  
sport string,  
gold\_medals int,  
silver\_medals int,  
bronze\_medals int,  
total\_medals int,   
location string)  
row format delimited  
fields terminated by '\t';  
  
load data local inpath '/home/acadgild/hive/olympic\_data.csv' into table olympic\_data;  
  
1)

create view v1 as select \* from olympic\_data where sport=='Swimming';  
  
select country,count(total\_medals)   
from v1  
group by country;  
  
OUTPUT:  
  
OK  
Argentina    1  
Australia    92  
Austria    2  
Belarus    1  
Brazil    7  
Canada    5  
China    29  
Costa Rica    1  
Croatia    1  
Denmark    1  
France    26  
Germany    27  
Great Britain    9  
Hungary    7  
Italy    13  
Japan    30  
Lithuania    1  
Netherlands    32  
Norway    2  
Poland    1  
Romania    4  
Russia    19  
Serbia    1  
Slovakia    1  
Slovenia    1  
South Africa    8  
South Korea    2  
Spain    2  
Sweden    7  
Trinidad and Tobago    1  
Tunisia    2  
Ukraine    4  
United States    145  
Zimbabwe    2

1. **Write a Hive program to find the number of medals that India won year wise.**

select year,SUM(total\_medals) from olympic\_data  
where country=='India'  
group by year;  
  
OUTPUT:  
  
2000    1  
2004    1  
2008    3  
2012    6

1. **Write a Hive Program to find the total number of medals each country won.**

select country,SUM(total\_medals) from olympic\_data  
group by country;  
  
OUTPUT:  
  
Afghanistan    2  
Algeria    8  
Argentina    141  
Armenia    10  
Australia    609  
Austria    91  
Azerbaijan    25  
Bahamas    24  
Bahrain    1  
Barbados    1  
Belarus    97  
Belgium    18  
Botswana    1  
Brazil    221  
Bulgaria    41  
Cameroon    20  
Canada    370  
Chile    22  
China    530  
Chinese Taipei    20  
Colombia    13  
Costa Rica    2  
Croatia    81  
Cuba    188  
Cyprus    1  
Czech Republic    81  
Denmark    89  
Dominican Republic    5  
Ecuador    1  
Egypt    8  
Eritrea    1  
Estonia    18  
Ethiopia    29  
Finland    118  
France    318  
Gabon    1  
Georgia    23  
Germany    629  
Great Britain    322  
Greece    59  
Grenada    1  
Guatemala    1  
Hong Kong    3  
Hungary    145  
Iceland    15  
India    11  
Indonesia    22  
Iran    24  
Ireland    9  
Israel    4  
Italy    331  
Jamaica    80  
Japan    282  
Kazakhstan    42  
Kenya    39  
Kuwait    2  
Kyrgyzstan    3  
Latvia    17  
Lithuania    30  
Macedonia    1  
Malaysia    3  
Mauritius    1  
Mexico    38  
Moldova    5  
Mongolia    10  
Montenegro    14  
Morocco    11  
Mozambique    1  
Netherlands    318  
New Zealand    52  
Nigeria    39  
North Korea    21  
Norway    192  
Panama    1  
Paraguay    17  
Poland    80  
Portugal    9  
Puerto Rico    2  
Qatar    3  
Romania    123  
Russia    768  
Saudi Arabia    6  
Serbia    31  
Serbia and Montenegro    38  
Singapore    7  
Slovakia    35  
Slovenia    25  
South Africa    25  
South Korea    308  
Spain    205  
Sri Lanka    1  
Sudan    1  
Sweden    181  
Switzerland    93  
Syria    1  
Tajikistan    3  
Thailand    18  
Togo    1  
Trinidad and Tobago    19  
Tunisia    4  
Turkey    28  
Uganda    1  
Ukraine    143  
United Arab Emirates    1  
United States    1312  
Uruguay    1  
Uzbekistan    19  
Venezuela    4  
Vietnam    2  
Zimbabwe    7

**4. Write a Hive program to find the number of gold medals each country won.**

select country,SUM(gold\_medals) from olympic\_data  
group by country;  
  
OUTPUT:  
  
Afghanistan    0  
Algeria    2  
Argentina    49  
Armenia    0  
Australia    163  
Austria    36  
Azerbaijan    6  
Bahamas    11  
Bahrain    0  
Barbados    0  
Belarus    17  
Belgium    2  
Botswana    0  
Brazil    46  
Bulgaria    8  
Cameroon    20  
Canada    168  
Chile    3  
China    234  
Chinese Taipei    2  
Colombia    2  
Costa Rica    0  
Croatia    35  
Cuba    57  
Cyprus    0  
Czech Republic    14  
Denmark    46  
Dominican Republic    3  
Ecuador    0  
Egypt    1  
Eritrea    0  
Estonia    6  
Ethiopia    13  
Finland    11  
France    108  
Gabon    0  
Georgia    6  
Germany    223  
Great Britain    124  
Greece    12  
Grenada    1  
Guatemala    0  
Hong Kong    0  
Hungary    77  
Iceland    0  
India    1  
Indonesia    5  
Iran    10  
Ireland    1  
Israel    1  
Italy    86  
Jamaica    24  
Japan    57  
Kazakhstan    13  
Kenya    11  
Kuwait    0  
Kyrgyzstan    0  
Latvia    3  
Lithuania    5  
Macedonia    0  
Malaysia    0  
Mauritius    0  
Mexico    19  
Moldova    0  
Mongolia    2  
Montenegro    0  
Morocco    2  
Mozambique    1  
Netherlands    101  
New Zealand    18  
Nigeria    6  
North Korea    6  
Norway    97  
Panama    1  
Paraguay    0  
Poland    20  
Portugal    1  
Puerto Rico    0  
Qatar    0  
Romania    57  
Russia    234  
Saudi Arabia    0  
Serbia    1  
Serbia and Montenegro    11  
Singapore    0  
Slovakia    10  
Slovenia    5  
South Africa    10  
South Korea    110  
Spain    19  
Sri Lanka    0  
Sudan    0  
Sweden    57  
Switzerland    21  
Syria    0  
Tajikistan    0  
Thailand    6  
Togo    0  
Trinidad and Tobago    1  
Tunisia    2  
Turkey    9  
Uganda    1  
Ukraine    31  
United Arab Emirates    1  
United States    552  
Uruguay    0  
Uzbekistan    5  
Venezuela    1  
Vietnam    0  
Zimbabwe    2