Olympics data

create table if not exists olympics

(

athlete string,

age int,

country string,

year int,

closing\_date string,

Sport string,

gold int,

silver int,

bronze int,

total int

)

row format delimited

fields terminated by '\t';

load data inpath '/user/hive/warehouse/olympix\_data.csv' into table olympics;

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

Ans : select country, sum(gold), sum(silver), sum(bronze), sum(total)

from olympics where sport = 'Swimming' group by country;

Argentina 0 0 1 1

Australia 58 68 37 163

Austria 0 2 1 3

Belarus 0 2 0 2

Brazil 1 1 6 8

Canada 0 1 4 5

China 7 14 14 35

Costa Rica 0 0 2 2

Croatia 0 1 0 1

Denmark 0 0 1 1

France 11 16 12 39

Germany 2 6 24 32

Great Britain 2 3 6 11

Hungary 3 4 2 9

Italy 4 3 9 16

Japan 5 9 29 43

Lithuania 1 0 0 1

Netherlands 16 17 13 46

Norway 0 1 1 2

Poland 1 2 0 3

Romania 3 1 2 6

Russia 1 9 10 20

Serbia 0 1 0 1

Slovakia 0 2 0 2

Slovenia 0 1 0 1

South Africa 6 3 2 11

South Korea 1 3 0 4

Spain 0 2 1 3

Sweden 1 2 6 9

Trinidad and Tobago 0 0 1 1

Tunisia 2 0 1 3

Ukraine 4 2 1 7

United States 139 77 51 267

Zimbabwe 2 4 1 7

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

Ans : select year, sum(gold), sum(silver), sum(bronze), sum(total)

from olympics where country = 'India'

group by year;

OK

2000 0 0 1 1

2004 0 1 0 1

2008 1 0 2 3

2012 0 2 4 6

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

Ans : select country, count(total) from olympics

group by country;

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.**

Ans : select country, count(gold) from olympics group by country;

country sum

Afghanistan 0

Algeria 4

Argentina 98

Armenia 0

Australia 326

Austria 72

Azerbaijan 12

Bahamas 22

Bahrain 0

Barbados 0

Belarus 34

Belgium 4

Botswana 0

Brazil 92

Bulgaria 16

Cameroon 40

Canada 336

Chile 6

China 468

Chinese Taipei 4

Colombia 4

Costa Rica 0

Croatia 70

Cuba 114

Cyprus 0

Czech Republic 28

Denmark 92

Dominican Republic 6

Ecuador 0

Egypt 2

Eritrea 0

Estonia 12

Ethiopia 26

Finland 22

France 216

Gabon 0

Georgia 12

Germany 446

Great Britain 248

Greece 24

Grenada 2

Guatemala 0

Hong Kong 0

Hungary 154

Iceland 0

India 2

Indonesia 10

Iran 20

Ireland 2

Israel 2

Italy 172

Jamaica 48

Japan 114

Kazakhstan 26

Kenya 22

Kuwait 0

Kyrgyzstan 0

Latvia 6

Lithuania 10

Macedonia 0

Malaysia 0

Mauritius 0

Mexico 38

Moldova 0

Mongolia 4

Montenegro 0

Morocco 4

Mozambique 2

Netherlands 202

New Zealand 36

Nigeria 12

North Korea 12

Norway 194

Panama 2

Paraguay 0

Poland 40

Portugal 2

Puerto Rico 0

Qatar 0

Romania 114

Russia 468

Saudi Arabia 0

Serbia 2

Serbia and Montenegro 22

Singapore 0

Slovakia 20

Slovenia 10

South Africa 20

South Korea 220

Spain 38

Sri Lanka 0

Sudan 0

Sweden 114

Switzerland 42

Syria 0

Tajikistan 0

Thailand 12

Togo 0

Trinidad and Tobago 2

Tunisia 4

Turkey 18

Uganda 2

Ukraine 62

United Arab Emirates 2

United States 1104

Uruguay 0

Uzbekistan 10

Venezuela 2

Vietnam 0

Zimbabwe 4