

CHAPTER 7

QUERIES

SINGLE TABLE QUERY:

1.LIST ALL THE COLUMNS THAT ARE ASSOCIATED TO
COUNTRY

Select *from country;

countrycode	countryname	countryanthem	olympicid
AUS	AUSTRALIA	GOD SAVE THE QUEEN	2
CAN	CANADA	O CANADA	3
IND	INDIA	JANA GANA MANA	1
JAP	JAPAN	KIMI GA YO	4
NEP	NEPAL	SAYAUN THUNGA PHOOL KA	5

Fig:11: output query 1

2. LIST THE NAMES OF JUDGES WHOSE ID BELONGS TO 'J01'

select jid, jname from judge where jid='j01';

jid	jname
J01	SUJEET

Fig:12: output query 2

JOINS AND AGGREGATE FUNCTION:

3.LIST NO OF ATHLETEID WITH THEIR RESPECTIVE COUNTRYCODE
WHOSE COUNT IS GREATER THAN 2

```
select countrycode, count(athleteid) from athlete group by countrycode having  
count(athleteid)>2;
```

countrycode	count(athleteid)
IND	3
JAP	3

Fig:13: output query 3

4.LIST ALL THE MALE ATHLETENAME WHO GOT THE RESULT WITH RECORD AND WHO'S AGE IS LESS THAN 30.

```
select athlete. athleteid, athletename from athlete, result where athlete.
athleteid=result. athleteid and dob>'1986-04-17' and gender='M';
```

athleteid	athletename
333	WANG SU
334	HIROKI
444	DAMIAN

Fig:14: output query 4

VIEWS AND TRIGGERS:

6.CREATE A VIEW TO DISPLAY DETAIL OF JUDGE, EVENT AND VENUE WHERE ATLEAST ONE EVENT IS RATED BY ONE JUDGE HAPPENED IN DIFFERENT VENUES.

```
create view sample2 as select distinct jname, held in. eventname, venue from
judge, held in, rated by, schedule where rated by. jid=judge. jid and schedule.
schid=held in. schedule and held in. eventname=rated by. eventname group by
jname;
```

```
select *from sample2;
```

jname	eventname	venue
ANDREW	QUARTERS	MELBOURNE
JOANNE	KNOCK OUT	KATHMANDU
PAMELA	SEMIS	NEW DELHI
PHILIPS	QUARTERS	MELBOURNE
SUJEET	FINALS	MELBOURNE

Fig:16: output query 6