CHAPTER 7

QUERIES

SINGLE TABLE QUERY:

1.LIST ALL THE COLUMNS THAT ARE ASSOCIATED TO COUNTRY

Select *from country;

| countrycode | | 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';



Fig:12: output query 2

JOINS AND AGGREGATE FUNCTION:

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

<u>select countrycode</u>, count(athleteid) from athlete group by <u>countrycode</u> having count(athleteid)>2;

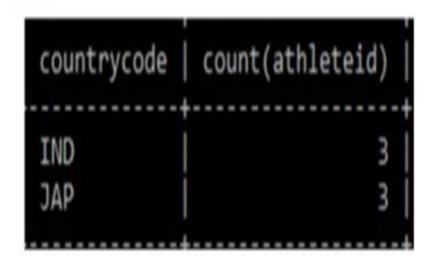


Fig:13: output query 3

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

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



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