AIM: 3.4 Creating and Querying views and Materialized views.

Description:

A view is a logical table based on the result set of an SQL Statement. A view contains rows and columns, just like a table. The fields in a view are fields from one or more base tables in the database.

We can apply all DDL and DML statements on views.

Syntax:
  Create or replace force/noforce view viewname as
  Select column_list from table_list
  Where condition with read only|check option
Dropping a view syntax:
  Drop view viewname;

Source Table:

ROLLNO	NAME	MARKS
501	jyothi	90
502	sai	95
504	yamuna	70
505	padma	60
503	ravi	80

Creating View

create view myview as select rollno,name from st1;

view created

Display Views and Tables in your login

select * from tab;

SID
71
58
74

Correlated Sub query

Find the names of sailors who have reserved boat no 103

select s.sname from sailors s where EXISTS(select * from reserves r where s.sid=r.sid and
r.bid=103);

SNAME
Dustin
Lubber
Ravi

Find the names of sailors who have not reserved boat no 103 select s.sname from
sailors s where NOT EXISTS(select * from reserves r where s.sid=r.sid and
r.bid=103);

SNAME
Brutus
Andy
Horatio
Zobra
Art
Bob
Rusty