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

AIM: 3.4 Creating and Querying views and Materialized views.
Description:
View

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;

ST1	TABLE
MYVIEW	VIEW
STUDENTS	TABLE
COURSES	TABLE
INSTRUCTORS	TABLE
TEACHES	TABLE
ENROLLMENTS	TABLE
STU_VIEW	VIEW
STUDENT_LOG	TABLE
COMPANY	TABLE
LOC	TABLE
EMPLOYEE	TABLE
JOB	TABLE
DEP	TABLE
STU2	TABLE