```
Oracle SQL*Plus

File   Edit   Search   Options   Help

SQL>
SQL> CREATE TABLE AllStudents AS SELECT DISTINCT student_Name FROM course_taken;

Table created.

SQL> CREATE table StudentsAndRequired AS
  2   SELECT AllStudents.student_Name, course_required.course
  3   FROM AllStudents, course_required;

Table created.

SQL> CREATE  table StudentsAndNotTaken AS
  2   SELECT * FROM StudentsAndRequired WHERE NOT EXISTS
  3   (Select * FROM course_taken WHERE StudentsAndRequired.student_name = course_taken.student_name

  4   AND StudentsAndRequired.course = course_taken.course);

Table created.

SQL>
SQL> CREATE table CannotGraduate AS SELECT DISTINCT student_name FROM StudentsAndNotTaken;

Table created.

SQL> CREATE Table CanGraduate AS SELECT * FROM AllStudents
  2   WHERE NOT EXISTS
  3   (SELECT * FROM CannotGraduate WHERE
  4       CannotGraduate.Student_name = AllStudents.Student_name)
  5   ;

Table created.

SQL> select * from AllStudents;

STUDENT_NAME
--------------------
Robert
Tom
David
Hannah
```

Hannah

SQL> select * from StudentsAndRequired;

STUDENT_NAME   COURSE
-------------------   --
Robert   Databases
Tom   Databases
David   Databases
Hannah   Databases
Robert   Programming Languages
Tom   Programming Languages
David   Programming Languages
Hannah   Programming Languages

8 rows selected.

SQL> select * from StudentsAndNotTaken;

STUDENT_NAME   COURSE
-------------------   --
Tom   Databases
Hannah   Databases
Tom   Programming Languages

SQL> select * from CannotGraduate;

STUDENT_NAME

Tom
Hannah

SQL> select * from CanGraduate;

STUDENT_NAME

Robert
David

SQL> |

```
SQL> select distinct(student_name) from StudentsAndRequired where student_name in (select distinct(s
tudent_name) from StudentsAndNotTaken);

STUDENT_NAME
--------------------
Tom
Hannah

SQL> create table sample as select * from course_taken where course=any(select course from course_re
quired);

Table created.

SQL> create table notgraduate as select distinct(student_name) from (select * from required minus se
lect * from sample);
create table notgraduate as select distinct(student_name) from (select * from required minus select
                                                                                                   *
ERROR at line 1:
ORA-00942: table or view does not exist


SQL> create table notgraduate as select distinct(student_name) from (select * from StudentsAndRequir
ed minus select * from sample);

Table created.

SQL> select * from notgraduate;

STUDENT_NAME
--------------------
Tom
Hannah
```

```
SQL> select * from allstudents intersect select distinct(student_name) from StudentsAndNotTaken;

STUDENT_NAME
--------------------
Hannah
Tom
```

```
Oracle SQL*Plus

File   Edit   Search   Options   Help

SQL>
SQL>
SQL> create table allbanks as select distinct(account_name),count(account_name) as countbanks from a
ccount_holder group by account_name;

Table created.

SQL> select account_name from allbanks where countbanks>1;

ACCOUNT_NAME
--------------------
ROBERT

SQL> create table allstates as select distinct(bank_name),count(bank_name) as countstate from bank g
roup by bank_name;

Table created.

SQL> select bank_name from allstates where countstate=(select max(countstate) from allstates);

BANK_NAME
----------
SBI

SQL> select bank_name from allstates where countstate!=(select max(countstate) from allstates);

BANK_NAME
----------
ICICI

SQL> select account_name from allbanks where countbanks=(select max(countstate) from allstates);

ACCOUNT_NAME
--------------------
ROBERT

SQL>
SQL>
SQL> |
```