Table1: Course_Taken	
Student_Name	Course
Robert	Databases
Robert	Programming Languages
David	Databases
Hannah	Programming Languages
Hannah	Programming Languages
Tom	Operating systems
David	Operating systems

Table 2: Course_Required
Course
Databases
Programming Languages

Table 2 consist of the courses that one is required to take in order to graduate.

1. Perform the following query.
a. Create a set of all students that have taken courses.
b. Find and create set of all the student and the courses required to graduate.
c. Find and create all the students and the required courses they have not taken. (Join not allowed)
d. Find and create all the students who cannot graduate. (Join not allowed)
e. Find and create all the students who can graduate. (Join not allowed)

2. Write another three solutions for the query students who cannot graduate.

3. Consider the following table

TABLE1: BANK	
Bank_name	State
SBI	ANDHRA PRADESH
SBI	TAMILNADU
SBI	KARNATAKA
ICICI	TAMILNADU
ICICI	KARNATAKA

TABLE2: ACCOUNT_HOLDER		
ACCOUNT_NAME	BANK_NAME	STATE_NAME
RAMESH	ICICI	TAMILNADU
DINESH	SBI	ANDHRA PRADESH
ROBERT	SBI	TAMILNADU
ROBERT	ICICI	KARNATAKA
ROBERT	SBI	ANDHRA PRADESH
KARTHIK	SBI	ANDHRA PRADESH

a. Find the ACCOUNT_NAME having account in all banks.
b. Find the bank available in all the state.
c. Find the bank not available in all the state.
d. Find the ACCOUNT_NAME having account in all the state