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1  CREATE DATABASE myRecords;
2  USE myRecords;
3
4  CREATE TABLE myEducation (
5      S_ID INT(8) NOT NULL AUTO_INCREMENT,
6      S_name varchar(30),
7      City varchar(25),
8      State varchar(25),
9      PRIMARY KEY (S_ID)
10 );
11
12 INSERT INTO myEducation (S_name, City, State) VALUES ('Stanford University', 'Stanford', 'California'),
13 ('Harvard University', 'Cambridge', 'Massachusetts'),
14 ('MIT', 'Cambridge', 'Massachusetts'),
15 ('Columbia University', 'New York', 'New York'),
16 ('USC', 'Los Angeles', 'California');
17
18 CREATE TABLE myPrograms (
19     P_ID INT(8) NOT NULL AUTO_INCREMENT,
20     P_name varchar(30),
21     Department varchar(30),
22     S_ID INT(8),
23     PRIMARY KEY (P_ID)
24 );
25
26 INSERT INTO myPrograms (P_name, Department, S_ID) VALUES ('Computer Science', 'Computer Science', 3),
27 ('Electrical Engineering', 'Electrical Engineering', 1),
28 ('Mechanical Engineering', 'Mechanical Engineering', 1),
29 ('Software Engineering', 'Software Engineering', 4),
30 ('Mechanical Engineering', 'Mechanical Engineering', 2),
31 ('Aerospace Engineering', 'Aerospace Engineering', 2);
32 ('Aerospace Engineering', 'Aerospace Engineering', 5);
33
34 SELECT * FROM myEducation;
35 SELECT * FROM myPrograms;
36 SELECT myPrograms.S_ID, S_Name, City, Department FROM myEducation JOIN myPrograms ON myEducation.S_ID = myPrograms.S_ID;

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	S_ID	S_name	City	State
1	1	Stanford University	Stanford	California
2	2	Harvard University	Cambridge	Massachusetts
3	3	MIT	Cambridge	Massachusetts
4	4	Columbia University	New York	New York
5	5	USC	Los Angeles	California

	P_ID	P_name	Department	S_ID
1	14	Computer Science	Computer Science	3
2	15	Electrical Engineering	Electrical Engineering	1
3	16	Mechanical Engineering	Mechanical Engineering	1
4	17	Software Engineering	Software Engineering	4
5	18	Mechanical Engineering	Mechanical Engineering	2
6	19	Aerospace Engineering	Aerospace Engineering	2
7	20	Aerospace Engineering	Aerospace Engineering	5

	S_ID	S_Name	City	Department
1	3	MIT	Cambridge	Computer Science
2	1	Stanford University	Stanford	Electrical Engineering
3	1	Stanford University	Stanford	Mechanical Engineering
4	4	Columbia University	New York	Software Engineering
5	2	Harvard University	Cambridge	Mechanical Engineering
6	2	Harvard University	Cambridge	Aerospace Engineering
7	5	USC	Los Angeles	Aerospace Engineering