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1
2 create table student
3 (
4     StuID char(5),
5     StuName varchar(20),
6     Major varchar(8),
7     Credits int,
8     primary key (StuID)
9 );
10
11
12 create table faculty
13 (
14     FacID char(4),
15     StuName varchar(10),
16     Dept varchar(8),
17     Rank varchar(10),
18     primary key (FacID)
19 );
20
21 create table course
22 (
23     CourseNo char(7),
24     FacID char(4),
25     Sched varchar(8),
26     Room char(4),
27     primary key (CourseNo),
28     foreign key (facId)
29         references Faculty (FacId)
30 );
31
32 create table enroll
33 (
34     CourseNo char(7),
35     StuID char(5),
36     Grade Char(1),
37     primary key (CourseNo , StuId),
38     foreign key (CourseNo)
39         references course (CourseNo),
40     foreign key (StuId)
41         references Student (StuId)
42 );
43
44 insert into student
45 values
46 ('S1001', 'Smith, Tom', 'History', 90),
47 ('S1010', 'Burns, Edward', 'History', 90),
48 ('S1015', 'Jones, Mary', 'History', 90),
49 ('S1002', 'Chin, Ann', 'History', 90),
50 ('S1020', 'Rivera, Jane', 'History', 90),
51 ('S1013', 'McCarthy, Owen', 'History', 90);
52
53
54 insert into faculty
55 values
56 ('F101', 'Adams', 'Art', 'Professor'),
57 ('F202', 'Smith', 'History', 'Associate'),
58 ('F105', 'Tanaka', 'CSC', 'Instructor'),
59 ('F110', 'Byrne', 'Math', 'Assistant'),
60 ('F221', 'Smith', 'CSC', 'Professor');
61
62 insert into course
63 values
64 ('ART103A', 'F101', 'MWF9', 'H221'),
65 ('CSC201A', 'F105', 'TUTHF10', 'M110'),
66 ('MTH101B', 'F110', 'MTUTH9', 'H225'),
67 ('HST205A', 'F202', 'MWF11', 'H221'),
68 ('MTH103C', 'F110', 'MWF11', 'H225'),
69 ('CSC203A', 'F105', 'MTHF12', 'M110');

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70
71  insert into enroll
72  values
73  ('ART103A', 'S1001','A'),
74  ('CSC201A', 'S1020','B'),
75  ('CSC201A', 'S1002','F'),
76  ('ART103A', 'S1010',null),
77  ('ART103A', 'S1002','D'),
78  ('MTH101B', 'S1020','A'),
79  ('HST205A', 'S1001','C'),
80  ('MTH103C', 'S1010',null),
81  ('MTH103C', 'S1002','B');
82
```