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Course: Database Assignment 6

6.11) Specify the updates of Exercise 5.11 using the SQL update commands

- a. Insert <'Robert', 'F', 'Scott', '943775543', '1972-06-21', '2365 Newcastle Rd, Bellaire, TX', M, 58000, '888665555', 1> into EMPLOYEE.

INSERT INTO EMPLOYEE

VALUES ('Robert','F','Scott','943775543','1972-06-21','2365
NewcastleRd,Bellaire,TX',M,58000,'888665555',1)

- b. Insert <'ProductA', 4, 'Bellaire', 2> into PROJECT

INSERT INTO PROJECT

VALUES ('ProductA',4,'Bellaire',2)

- f. Delete the WORKS_ON tuples with Essn = '333445555'

DELETE FROM WORKS_ON WHERE Essn = '333445555'

- g. Delete the EMPLOYEE tuple with Ssn = '987654321'

DELETE FROM EMPLOYEE WHERE Ssn = '987654321'

6.12) Specify the following queries in SQL on the database schema of Figure 1.2

- a. Retrieve the names of all senior students majoring in 'cs' (computer science).

SELECT Name

FROM Student

WHERE Class=4 AND Major='CS'

- b. Retrieve the names of all courses taught by Professor King in 2007 and 2008

SELECT Course_name

FROM COURSE,SECTION

WHERE COURSE.Course_number = SECTION.Course_number AND Instructor = 'King' AND (Year = '07' OR Year = '08')