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| Q1 | CREATE TABLE EMP\_1 (  EMP\_NUM VARCHAR (3) PRIMARY KEY,  EMP\_LNAME VARCHAR (15) NOT NULL,  EMP\_FNAME VARCHAR (15) NOT NULL,  EMP\_INITIAL VARCHAR (1),  EMP\_HIREDATE DATE,  JOB\_CODE VARCHAR (3),  FOREIGN KEY (JOB\_CODE)  REFERENCES JOB(JOB\_CODE)  ); |
| Q2 | INSERT INTO EMP\_1  VALUES (101, News, John, G, 08-Nov-00, 502);  INSERT INTO EMP\_1  VALUES (102, Senior, David, H, 12-Jul-89, 501); |
| Q3 | INSERT INTO EMP\_1  SELECT EMP\_NUM, EMP\_LNAME, EMP\_FNAME, EMP\_INITIAL, EMP\_HIREDATE, JOB\_CODE  FROM EMPLOYEE  WHERE EMP\_NUM BETWEEN 103 AND 109; |
| Q4 | COMMIT; |
| Q5 | UPDATE EMP\_1  SET JOB\_CODE = 501  WHERE EMP\_NUM = 107; |
| Q6 | DELETE FROM EMP\_1  WHERE EMP\_LNAME = 'Smithfield' AND EMP\_FNAME = 'William' AND EMP\_HIREDATE = '2004-06-22' AND JOB\_CODE = 500; |
| Q7 | CREATE TABLE EMP\_2 AS SELECT \* FROM EMP\_1;  CREATE TABLE EMP\_2;  INSERT INTO EMP\_2 SELECT \* FROM EMP\_1; |
| Q8 | ALTER TABLE EMP\_2  ADD EMP\_PCT DECIMAL(4,2),  ADD PROJ\_NUM CHAR(3); |
| Q9 | UPDATE EMP\_2  SET EMP\_PCT = 3.85  WHERE EMP\_NUM = 103; |
| Q10 | UPDATE EMP\_2  SET EMP\_PCT = 5.00  WHERE EMP\_NUM = 101 AND EMP\_NUM = 105 AND EMP\_NUM = 107; |
| Q11 | UPDATE EMP\_2  SET EMP\_PCT = 10.00  WHERE EMP\_PCT IS NULL; |
| Q12 | UPDATE EMP\_2  SET EMP\_PCT + 0.15  WHERE EMP\_LNAME = 'Alonzo' AND EMP\_FNAME = 'Maria' AND EMP\_INITIAL = ‘D’ |
| Q13 | UPDATE EMP\_2  SET PROJ\_NUM = 18  WHERE JOB\_CODE = 500 |
| Q14 | UPDATE EMP\_2  SET PROJ\_NUM = 25  WHERE JOB\_CODE >= 502 |
| Q15 | UPDATE EMP\_2  SET PROJ\_NUM = 14  WHERE EMP\_HIREDATE =< ‘1994-01-01’ AND JOB\_CODE <= 501 |