Assignment 10
COSC 3336
Spring 2022

Imagine that in a database of an employee system we defined a table for each employee including the following fields:

Employee number, employee last name, employee first name, salary, date of birth, position, and number of keys.

We want to create a table for the employee kids. The main goal is to give the employee gifts for kid's birthday, Christmas, and other events.

Q1. (3-point) Create a kids employee table dynamically using create table queries including following fields: employee number, kids' name, date of birth, single or married.

CREATE TABLE Employee_Kids(Emp_ID integer PRIMARY KEY, KidName text, DOB date, MarrageStatus text);

INSERT INTO Employee_Kids VALUES(35,'James','2015-10-13', 'Married');
INSERT INTO Employee_Kids VALUES(47,'Boo','2012-02-22', 'Married');
INSERT INTO Employee_Kids VALUES(88,'Josh','2014-12-13', 'Single');
INSERT INTO Employee_Kids VALUES(99,'Ben','2010-12-11', 'Married');
INSERT INTO Employee_Kids VALUES(11,'Mable','2008-06-24', 'Married');

Q2. (3-point) The company find that the gender of the kids is very important and has a direct effect on the gifts. Your responsibility is to update the kid's employee table by adding the gender field.

 ALTER TABLE Employee_Kids
ADD Gender char;

UPDATE Employee_Kids
SET Gender = CASE KidName
WHEN 'James' THEN 'M'
WHEN 'Boo' THEN 'F'
WHEN 'Josh' THEN 'M'
WHEN 'Ben' THEN 'M'
WHEN 'Mable' THEN 'F'
END
WHERE KidName IN('James','Boo','Josh','Ben','Mable');

Q3. (4-point) Date of birth field should not be added to the table based on the company policy. Write two queries to delete date of birth fields from both tables.

ALTER TABLE Employee_Kids   ALTER TABLE Employee_Kids
 DROP COLUMN DOB   DROP COLUMN DOB