

Name: _____

QUIZ 20 - ICS 321 Fall 2017

Imagine the following database

<u>CAMPUS</u>	<u>CUISINE</u>
UHM	Burgers
UHM	Pizza
UHM	Afgan
KCC	Burgers
KCC	Chinese
KCC	Afgan

<u>CAMPUS</u>	<u>PLACE</u>
UHM	Burger King Manoa
UHM	Boston's Pizza Manoa
UHM	Afganistan Love
KCC	McDonald's Kahala
KCC	Lam's Garden on Waialae
KCC	Afganistan Love

<u>PLACE</u>	<u>CUISINE</u>
Burger King Manoa	Burgers
Boston's Pizza Manoa	Pizza
Afganistan Love	Afgan
McDonald's Kahala	Burgers
Lam's Garden on Waialae	Chinese

The following stored procedure will add a place to a campus.

```
BEGIN
SET MESSG="";
SET @CUIS_EXISTS=(SELECT COUNT(*) FROM CAMPUS_CUISINE WHERE CAMPUS=CAMP AND CUISINE=CUIS);
IF ( @CUIS_EXISTS = 1 ) THEN
    SET MESSG=CONCAT('ERROR. ',CAMP,' ',CUIS,' ALREADY EXISTS. ');
ELSE
    SET @PLAC_EXISTS=(SELECT COUNT(*) FROM PLACE_CUISINE WHERE PLACE=PLAC);
    IF(@PLAC_EXISTS=1) THEN
        SET @PLAC_CUIS=(SELECT CUISINE FROM PLACE_CUISINE WHERE PLACE=PLAC);
        IF(@PLAC_CUIS <> CUIS) THEN
            SET MESSG=CONCAT('ERROR. ',PLAC,' IS ',CUIS);
        END IF;
    ELSE
        INSERT INTO PLACE_CUISINE SET PLACE=PLAC, CUISINE=CUIS;
    END IF;
END IF;

IF(MESSG="") THEN
    INSERT INTO CAMPUS_PLACE SET CAMPUS=CAMP, PLACE=PLAC;
    INSERT INTO CAMPUS_CUISINE SET CAMPUS=CAMP, CUISINE=CUIS;
END IF;
END
```

Modify the code so it won't add the place to the PLACE_CUISINE table unless the rest of the insertion into CAMPUS_CUISINE and CAMPUS_PLACE is also successful.