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Comp 122 - 006

Assignment 2

CREATE TABLE category

(catcode VARCHAR2(3),

catdesc VARCHAR2(11) NOT NULL,

CONSTRAINT category\_code\_pk PRIMARY KEY (catcode));

INSERT INTO category VALUES ('BUS', 'BUSINESS');

INSERT INTO category VALUES ('CHN', 'CHILDREN');

INSERT INTO category VALUES ('COK', 'COOKING');

INSERT INTO category VALUES ('COM', 'COMPUTER');

INSERT INTO category VALUES ('FAL', 'FAMILY LIFE');

INSERT INTO category VALUES ('FIT', 'FITNESS');

INSERT INTO category VALUES ('SEH', 'SELF HELP');

INSERT INTO category VALUES ('LIT', 'LITERATURE');

COMMIT;

ALTER TABLE books

ADD (catcode VARCHAR2(3),

CONSTRAINT books\_catcode\_fk FOREIGN KEY (catcode)

REFERENCES category(catcode));

UPDATE books

SET catcode = 'BUS'

WHERE category = 'BUSINESS';

UPDATE books

SET catcode = 'CHN'

WHERE category = 'CHILDREN';

UPDATE books

SET catcode = 'COK'

WHERE category = 'COOKING';

UPDATE books

SET catcode = 'COM'

WHERE category = 'COMPUTER';

UPDATE books

SET catcode = 'FAL'

WHERE category = 'FAMILY LIFE';

UPDATE books

SET catcode = 'FIT'

WHERE category = 'FITNESS';

UPDATE books

SET catcode = 'SEH'

WHERE category = 'SELF HELP';

UPDATE books

SET catcode = 'LIT'

WHERE category = 'LITERATURE';

COMMIT;

SELECT \* FROM books;

ALTER TABLE books

DROP COLUMN category;