Week 4 Interactive Assignment

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CPT 310 Database Systems & Management

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/\* deletes old copy if it exists \*/

DROP DATABASE shaun\_hoadley\_week4\_interactive;

/\* create new database \*/

CREATE DATABASE shaun\_hoadley\_week4\_interactive;

/\* set as active database \*/

USE shaun\_hoadley\_week4\_interactive;

/\* Create the tables tbldvdtitles, tbldvdactors, and tbldvdrelationships \*/

CREATE TABLE tbldvdtitles (

asin varchar(15) PRIMARY KEY,

title varchar(100),

price DOUBLE(5,2)

);

CREATE TABLE tbldvdactors (

actorID INT(5) PRIMARY KEY AUTO\_INCREMENT,

fname varchar(20),

lname varchar(20)

);

CREATE TABLE tbldvdrelationships (

asin varchar(15),

actorID INT(5),

PRIMARY KEY (asin, actorID),

CONSTRAINT FOREIGN KEY (asin)

REFERENCES tbldvdtitles (asin),

CONSTRAINT FOREIGN KEY (actorID)

REFERENCES tbldvdActors (actorID)

);

/\* populate the tables tbldvdactors and tbldvdtitles \*/

INSERT INTO tbldvdtitles

VALUES ('B003GQSXOU', 'Oceans Eleven', '38.83'),

('B003VDC0EM', 'Three Kings', '18.72'),

('B01M5EEGPH', 'Shooter', '5.99'),

('B06XWGRTKR', 'DOGMA', '22.95')

;

INSERT INTO tbldvdActors

VALUES (null, 'George', 'Clooney'),

(null, 'Matt', 'Damon'),

(null, 'Mark', 'Wahlburgh'),

(null, 'George', 'Carlin')

;

/\* display tables \*/

SELECT \*

FROM tbldvdtitles;

SELECT \*

FROM tbldvdactors;

/\* change last actor name \*/

UPDATE tbldvdactors

SET

lname = 'Affleck',

fname = 'Ben'

WHERE

actorID = 4;

SELECT \*

FROM tbldvdactors;

/\* delete the first actor from database \*/

DELETE FROM tbldvdactors

WHERE

actorID = 1;

SELECT \*

FROM tbldvdactors;

SELECT \*

FROM tbldvdrelation

JOIN tbldvdtitles

USING (asin)

JOIN tbldvdActors

USING (actorID);

SELECT asin, actorID

FROM tbldvdtitles, tbldvdactors;

















