

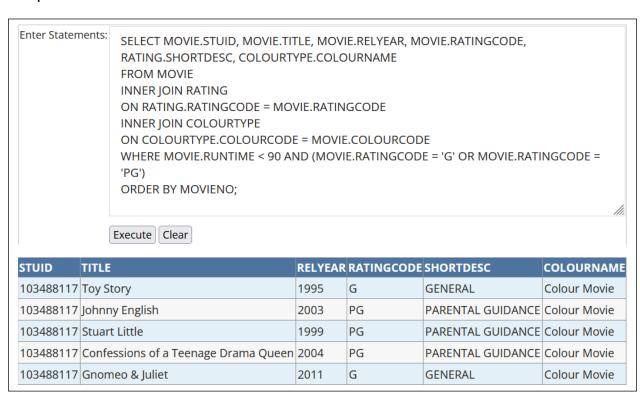
INF10002 Database Analysis and Design

Task 3 - Credit submission

Student Number: 103488117

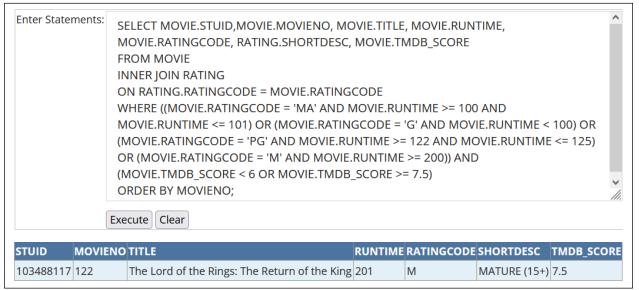
Student Name: Luong Trac Duc Anh

Step 1



1

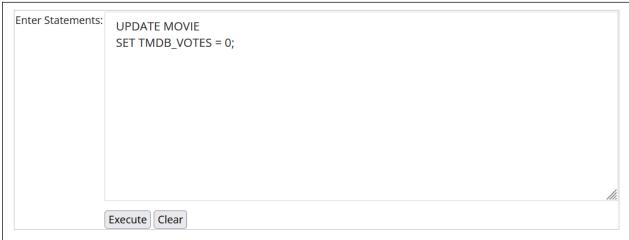






Enter Statements	SELECT RELYEAR FROM MOVIE GROUP BY RELYEAR ORDER BY RELYEAR DESC;
	Execute Clear
RELYEAR	
2016	
2015	
2014	
2013	
2012	
2011	
2010	
2009	
2008	
2007	





STUID	MOVIENO	TITLE	RELYEAR	RUNTIME	TMDB_VOTES	RATINGCODE
103488117	277	Underworld	2003	121	0	MA
103488117	120	The Lord of the Rings: The Fellowship of the Ring	2001	178	0	М
103488117	206647	Spectre	2015	148	0	M
103488117	1858	Transformers	2007	144	0	М
103488117	680	Pulp Fiction	1994	154	0	MA

Enter Statements:

UPDATE MOVIE

SET TMDB_VOTES = 1

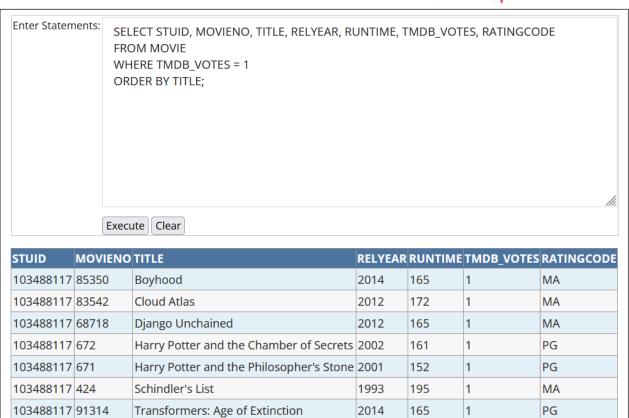
WHERE (RUNTIME >= 150 AND RATINGCODE = 'PG') OR (RUNTIME >= 160 AND RATINGCODE = 'MA');

Execute Clear

STUID	MOVIENO	TITLE	RELYEAR	RUNTIME	TMDB_VOTES	RATINGCODE
103488117	83542	Cloud Atlas	2012	172	1	MA
103488117	85350	Boyhood	2014	165	1	MA
103488117	91314	Transformers: Age of Extinction	2014	165	1	PG
103488117	424	Schindler's List	1993	195	1	MA
103488117	68718	Django Unchained	2012	165	1	MA

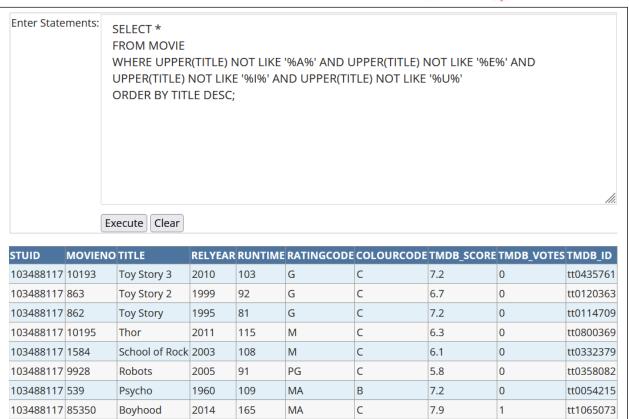














6.2 Relational schema:

DRONE8117 (RegNo, Make, Model, Distance_Flown, PurchaseDate)

Primary key (RegNo)

6.4 SQL Script:

DROP TABLE DRONE8117;

CREATE TABLE DRONE8117(

REGNO VARCHAR(20) PRIMARY KEY,

MAKE VARCHAR(30),

MODEL VARCHAR(50),

DISTANCE_FLOWN NUMERIC(20),

PURCHASEDATE DATE

);



INSERT INTO DRONE8117(REGNO, MAKE, MODEL, DISTANCE_FLOWN, PURCHASEDATE)

VALUES ('TRP040', 'DJI', 'Phantom4', 7070, TO_DATE('12/03/2015', 'dd/mm/yyyy'));

INSERT INTO DRONE8117(REGNO, MAKE, MODEL, DISTANCE_FLOWN, PURCHASEDATE)

VALUES ('ABC123', 'Leica', 'Airbotix', 8200, TO_DATE('17/07/2014', 'dd/mm/yyyy'));

INSERT INTO DRONE8117(REGNO, MAKE, MODEL, DISTANCE_FLOWN, PURCHASEDATE)

VALUES ('PUG963', 'Sensefly', 'eBee', 3020, TO_DATE('25/04/2016', 'dd/mm/yyyy'));

INSERT INTO DRONE8117(REGNO, MAKE, MODEL, DISTANCE_FLOWN, PURCHASEDATE)

VALUES ('ZZW901', 'DelairTech', 'DT18', 0600, TO_DATE('04/11/2015', 'dd/mm/yyyy'));



Enter Statements:

INSERT INTO DRONE8117(REGNO, MAKE, MODEL, DISTANCE_FLOWN, PURCHASEDATE) VALUES ('TRP040', 'DJI', 'Phantom4', 7070, TO_DATE('12/03/2015', 'dd/mm/yyyyy')); INSERT INTO DRONE8117(REGNO, MAKE, MODEL, DISTANCE_FLOWN, PURCHASEDATE) VALUES ('ABC123', 'Leica', 'Airbotix', 8200, TO_DATE('17/07/2014', 'dd/mm/yyyyy')); INSERT INTO DRONE8117(REGNO, MAKE, MODEL, DISTANCE_FLOWN, PURCHASEDATE) VALUES ('PUG963', 'Sensefly', 'eBee', 3020, TO_DATE('25/04/2016', 'dd/mm/yyyy')); INSERT INTO DRONE8117(REGNO, MAKE, MODEL, DISTANCE_FLOWN, PURCHASEDATE) VALUES ('ZZW901', 'DelairTech', 'DT18', 0600, TO_DATE('04/11/2015', 'dd/mm/yyyy'));

Execute Clear

REGNO	MAKE	MODEL	DISTANCE_FLOWN	PURCHASEDATE
TRP040	DJI	Phantom4	7070	12-MAR-15
ABC123	Leica	Airbotix	8200	17-JUL-14
PUG963	Sensefly	eBee	3020	25-APR-16
ZZW901	DelairTech	DT18	600	04-NOV-15





