INF10025 Data Management and Analytics

Task 3 – Credit Submission

Student Number: Nhat Minh Tran
Student Name: 104082552

Credit 3a

Paste your screen capture(s) for this task here.

Enter Statements:
```
SELECT 104082552 as StuID, M.Movieno, M.Title, M.Relyear, M.Ratingcode,
M.Runtime, R.Shortdesc, C.Colourname
FROM Movie2552 M
INNER JOIN Rating2552 R
ON M.Ratingcode = R.Ratingcode
INNER JOIN Colourtype2552 C
ON M.Colourcode = C.Colourcode
WHERE Runtime > 170
AND (M.Ratingcode LIKE 'M' OR M.Ratingcode LIKE 'MA')
ORDER BY M.Movieno ASC
```

[Execute] [Clear]

SELECT 104082552 as StuID, M.Movieno, M.Title, M.Relyear, M.Ratingcode, M.Runtime, R.Shortdesc, C.Colourname FROM Movie2552 M INNER JOIN Rating2552 R ON M.Ratingcode = R.Ratingcode INNER JOIN Colourtype2552 C ON M.Colourcode = C.Colourcode WHERE Runtime > 170 AND (M.Ratingcode LIKE 'M' OR M.Ratingcode LIKE 'MA') ORDER BY M.Movieno ASC

STUID	MOVIENO	TITLE	RELYEAR	RATINGCODE	RUNTIME	SHORTDESC	COLOURNAME
104082552	120	The Lord of the Rings: The Fellowship of the Ring	2001	M	178	MATURE (15+)	Colour Movie
104082552	121	The Lord of the Rings: The Two Towers	2002	M	179	MATURE (15+)	Colour Movie
104082552	122	The Lord of the Rings: The Return of the King	2003	M	201	MATURE (15+)	Colour Movie
104082552	424	Schindlers List	1993	M	195	MATURE (15+)	Black & White Movie
104082552	597	Titanic	1997	M	194	MATURE (15+)	Colour Movie
104082552	676	Pearl Harbor	2001	M	183	MATURE (15+)	Colour Movie
104082552	10549	Hamlet	1996	M	242	MATURE (15+)	Colour Movie
104082552	83542	Cloud Atlas	2012	MA	172	MATURE ACCOMPANIED (15+)	Colour Movie
104082552	398978	The Irishman	2019	MA	209	MATURE ACCOMPANIED (15+)	Colour Movie

Credit 3b

Paste your screen capture(s) for this task here.

Enter Statements:
```
SELECT 104082552 as StuID, M.Movieno, M.Title, M.Runtime, M.Ratingcode,
R.Shortdesc, M.tmdb_score
FROM Movie2552 M
INNER JOIN Rating2552 R
ON M.Ratingcode = R.Ratingcode
WHERE ((M.Ratingcode = 'MA' AND M.Runtime BETWEEN 100 AND 105)
OR (M.Ratingcode = 'G' AND M.Runtime < 90)
OR (M.Ratingcode = 'PG' AND M.Runtime BETWEEN 120AND 125)
OR (M.Ratingcode = 'M' AND M.Runtime >=170))
AND (M.tmdb_score BETWEEN 6.8 AND 7.4)
ORDER BY M.Movieno ASC
```

[Execute] [Clear]

SELECT 104082552 as StuID, M.Movieno, M.Title, M.Runtime, M.Ratingcode, R.Shortdesc, M.tmdb_score FROM Movie2552 M INNER JOIN Rating2552 R ON M.Ratingcode = R.Ratingcode WHERE ((M.Ratingcode = 'MA' AND M.Runtime BETWEEN 100 AND 105) OR (M.Ratingcode = 'G' AND M.Runtime < 90) OR (M.Ratingcode = 'PG' AND M.Runtime BETWEEN 120AND 125) OR (M.Ratingcode = 'M' AND M.Runtime >=170)) AND (M.tmdb_score BETWEEN 6.8 AND 7.4) ORDER BY M.Movieno ASC

STUID	MOVIENO	TITLE	RUNTIME	RATINGCODE	SHORTDESC	TMDB_SCORE
104082552	153	Lost in Translation	102	MA	MATURE ACCOMPANIED (15+)	7.4
104082552	557	Spider-Man	121	PG	PARENTAL GUIDANCE	7
104082552	676	Pearl Harbor	183	M	MATURE (15+)	6.8
104082552	2567	The Aviator	170	M	MATURE (15+)	7.1
104082552	2759	The Adventures of Priscilla, Queen of the Desert	104	MA	MATURE ACCOMPANIED (15+)	7.3
104082552	18785	The Hangover	100	MA	MATURE ACCOMPANIED (15+)	7.2
104082552	257211	The Intern	121	PG	PARENTAL GUIDANCE	7.1
104082552	416477	The Big Sick	120	PG	PARENTAL GUIDANCE	7.4
104082552	419704	Ad Astra	123	PG	PARENTAL GUIDANCE	7

Credit 3c

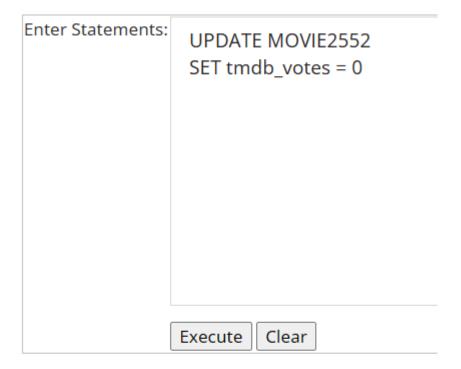Paste your screen capture(s) for this task here.

Enter Statements:

```
SELECT DISTINCT 104082552 as StuID, Relyear
FROM MOVIE2552
ORDER BY Relyear DESC
```

Execute   Clear

SELECT DISTINCT 104082552 as StuID, Relyear FROM MOVIE2552 ORDER BY Relyear DESC

STUID	RELYEAR
104082552	2019
104082552	2018
104082552	2017
104082552	2016
104082552	2015
104082552	2014
104082552	2013
104082552	2012
104082552	2011
104082552	2010

Credit 3d

Paste your screen capture(s) for this task here.

Enter Statements:

UPDATE MOVIE2552
SET tmdb_votes = 0

Execute   Clear

OK. 395 rows

Enter Statements:

SELECT *
FROM MOVIE2552
ORDER BY Movieno DESC

Execute Clear

SELECT * FROM MOVIE2552 ORDER BY Movieno DESC

MOVIENO	TITLE	RELYEAR	RUNTIME	RATINGCODE	COLOURCODE	TMDB_SCORE	TMDB_VOTES	IMDB_ID
549053	Last Christmas	2019	102	PG	C	7.2	0	tt8623904
512200	Jumanji: The Next Level	2019	98	PG	C	7.3	0	tt7975244
489925	Eighth Grade	2018	94	M	C	7.6	0	tt7014006
475557	Joker	2019	122	MA	C	8.8	0	tt7286456
466272	Once Upon a Time... in Hollywood	2019	161	MA	C	8	0	tt7131622
459992	Long Shot	2019	125	MA	C	6.9	0	tt2139881

Enter Statements:

```
UPDATE MOVIE2552
SET tmdb_votes = 1
WHERE (Runtime <= 140 AND Ratingcode = 'G')
OR (Runtime >= 170 AND Ratingcode = 'M')
```

[Execute] [Clear]

OK. 23 rows

Enter Statements:

```
SELECT 104082552 as StuID, Movieno, Title, Relyear, Runtime, tmdb_votes,
Ratingcode
FROM MOVIE2552
WHERE tmdb_votes = 1
ORDER BY title ASC
```

[Execute] [Clear]

SELECT 104082552 as StuID, Movieno, Title, Relyear, Runtime, tmdb_votes, Ratingcode FROM MOVIE2552 WHERE tmdb_votes = 1 ORDER BY title ASC

STUID	MOVIENO	TITLE	RELYEAR	RUNTIME	TMDB_VOTES	RATINGCODE
104082552	218778	Alexander and the Terrible, Horrible, No Good, Very Bad Day	2014	81	1	G
104082552	127380	Finding Dory	2016	103	1	G
104082552	16084	Freaky Friday	1976	95	1	G
104082552	109445	Frozen	2013	102	1	G
104082552	45772	Gnomeo & Juliet	2011	84	1	G
104082552	10549	Hamlet	1996	242	1	M
104082552	9836	Happy Feet	2006	108	1	G

Credit 3e
Paste your screen capture(s) for this task here.

Enter Statements:

```
SELECT 104082552 as StuID, MOVIE2552.*
FROM MOVIE2552
WHERE UPPER(title) NOT LIKE '%A%'
AND UPPER(title) NOT LIKE '%B%'
AND UPPER(title) NOT LIKE '%I%'
AND UPPER(title) NOT LIKE '%O%'
ORDER BY title DESC
```

Execute   Clear

SELECT 104082552 as StuID, MOVIE2552.* FROM MOVIE2552 WHERE UPPER(title) NOT LIKE '%A%' AND UPPER(title) NOT LIKE '%B%' AND UPPER(title) NOT LIKE '%I%' AND UPPER(title) NOT LIKE '%O%' ORDER BY title DESC

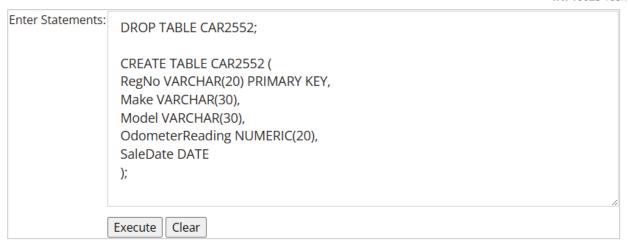| STUID	MOVIENO	TITLE	RELYEAR	RUNTIME	RATINGCODE	COLOURCODE	TMDB_SCORE	TMDB_VOTES	IMDB_ID
104082552	36657	X-Men	2000	104	M	C	6.9	0	tt0120903
104082552	564	The Mummy	1999	124	M	C	6.7	0	tt0120616
104082552	72105	Ted	2012	106	MA	C	6.3	0	tt1637725
104082552	23629	Sucker Punch	2011	110	MA	C	6.1	0	tt0978764
104082552	238713	Spy	2015	120	M	C	6.8	0	tt3079380
104082552	1637	Speed	1994	116	MA	C	6.9	0	tt0111257
104082552	206647	Spectre	2015	148	M	C	6.2	0	tt2379713
104082552	807	Se7en	1995	127	MA	C	8.3	0	tt0114369
104082552	9824	Mystery Men	1999	121	PG	C	5.8	0	tt0132347
104082552	2022	Mr. Deeds	2002	96	M	C	5.7	0	tt0280590
104082552	10710	Envy	2004	99	PG	C	4.8	0	tt0326856
104082552	212778	Chef	2014	114	PG	C	7.1	0	tt2883512

OK. 12 rows selected.

Credit 3f

Paste your screen capture(s) for this task here.

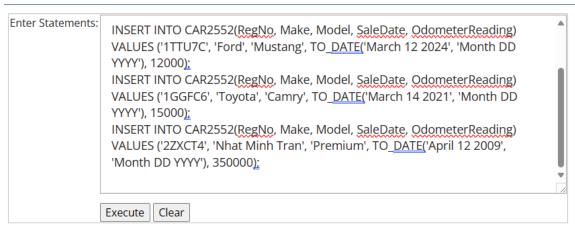CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)

Primary key: RegNo

Enter Statements:

```
DROP TABLE CAR2552;

CREATE TABLE CAR2552 (
RegNo VARCHAR(20) PRIMARY KEY,
Make VARCHAR(30),
Model VARCHAR(30),
OdometerReading NUMERIC(20),
SaleDate DATE
);
```

[Execute] [Clear]

OK. 0 rows

OK. 0 rows

Credit 3g

Paste your screen capture(s) for this task here.

Enter Statements:

```
INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('1AMT7U', 'Aston Martin', 'Vantage', TO_DATE('March 12 2022', 'Month
DD YYYY'), 5300);

INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('1TTU7C', 'Ford', 'Mustang', TO_DATE('March 12 2024', 'Month DD
YYYY'), 12000);
INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('1GGFC6', 'Toyota', 'Camry', TO_DATE('March 14 2021', 'Month DD
YYYY'), 15000);
```

[Execute] [Clear]

Enter Statements:

```
INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('1TTU7C', 'Ford', 'Mustang', TO_DATE('March 12 2024', 'Month DD
YYYY'), 12000);
INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('1GGFC6', 'Toyota', 'Camry', TO_DATE('March 14 2021', 'Month DD
YYYY'), 15000);
INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('2ZXCT4', 'Nhat Minh Tran', 'Premium', TO_DATE('April 12 2009',
'Month DD YYYY'), 350000);
```

[Execute] [Clear]

Enter Statements:

```
INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('1AMT7U', 'Aston Martin', 'Vantage', TO_DATE('March 12 2022', 'Month
DD YYYY'), 5300);

INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('1TTU7C', 'Ford', 'Mustang', TO_DATE('March 12 2024', 'Month DD
YYYY'), 12000);
INSERT INTO CAR2552(RegNo, Make, Model, SaleDate, OdometerReading)
VALUES ('1GGFC6', 'Toyota', 'Camry', TO_DATE('March 14 2021', 'Month DD
YYYY'), 15000);
```

Execute   Clear

OK. 1 rows

OK. 1 rows

OK. 1 rows

OK. 1 rows

Credit 3h

Paste your screen capture(s) for this task here.

Enter Statements:

```
SELECT *
FROM CAR2552
ORDER BY RegNo ASC
```

Execute   Clear

SELECT * FROM CAR2552 ORDER BY RegNo ASC

REGNO	MAKE	MODEL	ODOMETERREADING	SALEDATE
1AMT7U	Aston Martin	Vantage	5300	12-MAR-22
1GGFC6	Toyota	Camry	15000	14-MAR-21
1TTU7C	Ford	Mustang	12000	12-MAR-24
2ZXCT4	Nhat Minh Tran	Premium	350000	12-APR-09

OK. 4 rows selected.

Credit 3i

Paste your screen capture(s) for this task here.

Enter Statements:

```
SELECT *
FROM CAR2552
WHERE OdometerReading < 16000
```

Execute   Clear

SELECT * FROM CAR2552 WHERE OdometerReading < 16000

REGNO	MAKE	MODEL	ODOMETERREADING	SALEDATE
1AMT7U	Aston Martin	Vantage	5300	12-MAR-22
1TTU7C	Ford	Mustang	12000	12-MAR-24
1GGFC6	Toyota	Camry	15000	14-MAR-21

OK. 3 rows selected.

Credit 3j

Paste your screen capture(s) for this task here.

Enter Statements:

```
SELECT *
FROM CAR2552
WHERE SaleDate > TO_DATE('Jan 01 2019','MM DD YYYY')
```

[Execute] [Clear]

SELECT * FROM CAR2552 WHERE SaleDate > TO_DATE('Jan 01 2019','MM DD YYYY')

REGNO	MAKE	MODEL	ODOMETERREADING	SALEDATE
1AMT7U	Aston Martin	Vantage	5300	12-MAR-22
1TTU7C	Ford	Mustang	12000	12-MAR-24
1GGFC6	Toyota	Camry	15000	14-MAR-21

OK. 3 rows selected.