



## Database Analysis & Design

### INF10002

### Task 3 – Credit Submission

Student Number: 103181157

Student Name: Nguyen Nam Tung

#### Credit 3a

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

Enter Statements:

```
SELECT '103181157' AS STUID, MOVIE1157.TITLE, MOVIE1157.RELYEAR,
MOVIE1157.RATINGCODE, RATING1157.SHORTDESC, COLOURTYPE1157.COLOUR
NAME
FROM MOVIE1157
INNER JOIN RATING1157
ON MOVIE1157.RATINGCODE = RATING1157.RATINGCODE
INNER JOIN COLOURTYPE1157
ON MOVIE1157.COLOURCODE = COLOURTYPE1157.COLOURCODE
WHERE MOVIE1157.RATINGCODE IN ('M','MA') AND MOVIE1157.RUNTIME > 170
ORDER BY MOVIE1157.MOVIE1157
```

Execute

Clear

```
SELECT '103181157' AS STUID, MOVIE1157.TITLE, MOVIE1157.RELYEAR,
MOVIE1157.RATINGCODE, RATING1157.SHORTDESC, COLOURTYPE1157.COLOURNAME FROM MOVIE1157 INNER JOIN RATING1157
ON MOVIE1157.RATINGCODE = RATING1157.RATINGCODE INNER JOIN COLOURTYPE1157 ON MOVIE1157.COLOURCODE =
COLOURTYPE1157.COLOURCODE WHERE MOVIE1157.RATINGCODE IN ('M','MA') AND MOVIE1157.RUNTIME > 170 ORDER BY
MOVIE1157.MOVIE1157
```

STUID	TITLE	RELYEAR	RATINGCODE	SHORTDESC	COLOURNAME
103181157	The Lord of the Rings: The Fellowship of the Ring	2001	M	MATURE (15+)	Colour Movie
103181157	The Lord of the Rings: The Two Towers	2002	M	MATURE (15+)	Colour Movie
103181157	The Lord of the Rings: The Return of the King	2003	M	MATURE (15+)	Colour Movie
103181157	Schindlers List	1993	M	MATURE (15+)	Black & White Movie
103181157	Titanic	1997	M	MATURE (15+)	Colour Movie
103181157	Pearl Harbor	2001	M	MATURE (15+)	Colour Movie
103181157	Hamlet	1996	M	MATURE (15+)	Colour Movie
103181157	Cloud Atlas	2012	MA	MATURE ACCOMPANIED (15+)	Colour Movie
103181157	The Irishman	2019	MA	MATURE ACCOMPANIED (15+)	Colour Movie

OK. 9 rows selected.

#### Credit 3b

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

Enter Statements:	<pre> SELECT '103181157' AS STUID,MOVIE1157.MOVIEENO,MOVIE1157.TITLE,MOVIE1157.RUNTIME,MOVIE1157.RATINGCODE,RATING1157.SHORTDESC, MOVIE1157.TMDB_SCORE FROM MOVIE1157 INNER JOIN RATING1157 ON MOVIE1157.RATINGCODE = RATING1157.RATINGCODE WHERE ((MOVIE1157.RATINGCODE = 'MA' AND MOVIE1157.RUNTIME BETWEEN 100 AND 105) OR (MOVIE1157.RATINGCODE = 'G' AND MOVIE1157.RUNTIME &lt; 90) OR (MOVIE1157.RATINGCODE = 'PG' AND MOVIE1157.RUNTIME BETWEEN 120 AND 125) OR (MOVIE1157.RATINGCODE = 'M' AND MOVIE1157.RUNTIME &gt;= 170)) AND MOVIE1157.TMDB_SCORE BETWEEN 6.8 AND 7.4 ORDER BY MOVIEENO </pre>
<div>Execute Clear</div>	

```

SELECT '103181157' AS
STUID,MOVIE1157.MOVIEENO,MOVIE1157.TITLE,MOVIE1157.RUNTIME,MOVIE1157.RATINGCODE,RATING1157.SHORTDESC,MOVIE1157.TMDB_SCORE
FROM MOVIE1157 INNER JOIN RATING1157 ON MOVIE1157.RATINGCODE = RATING1157.RATINGCODE WHERE ((MOVIE1157.RATINGCODE = 'MA'
AND MOVIE1157.RUNTIME BETWEEN 100 AND 105) OR (MOVIE1157.RATINGCODE = 'G' AND MOVIE1157.RUNTIME < 90) OR
(MOVIE1157.RATINGCODE = 'PG' AND MOVIE1157.RUNTIME BETWEEN 120 AND 125) OR (MOVIE1157.RATINGCODE = 'M' AND MOVIE1157.RUNTIME
>= 170)) AND MOVIE1157.TMDB_SCORE BETWEEN 6.8 AND 7.4 ORDER BY MOVIEENO

```

STUID	MOVIEENO	TITLE	RUNTIME	RATINGCODE	SHORTDESC	TMDB_SCORE
103181157	153	Lost in Translation	102	MA	MATURE ACCOMPANIED (15+)	7.4
103181157	557	Spider-Man	121	PG	PARENTAL GUIDANCE	7
103181157	676	Pearl Harbor	183	M	MATURE (15+)	6.8
103181157	2567	The Aviator	170	M	MATURE (15+)	7.1
103181157	2759	The Adventures of Priscilla, Queen of the Desert	104	MA	MATURE ACCOMPANIED (15+)	7.3
103181157	18785	The Hangover	100	MA	MATURE ACCOMPANIED (15+)	7.2
103181157	257211	The Intern	121	PG	PARENTAL GUIDANCE	7.1
103181157	416477	The Big Sick	120	PG	PARENTAL GUIDANCE	7.4
103181157	419704	Ad Astra	123	PG	PARENTAL GUIDANCE	7

OK. 9 rows selected.

### Credit 3c

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

Enter Statements:	<pre> SELECT MOVIE1157.RELYEAR FROM MOVIE1157 GROUP BY RELYEAR ORDER BY RELYEAR DESC </pre>
<div>Execute Clear</div>	

```
SELECT
MOVIE1157.RELYEAR
FROM MOVIE1157
GROUP BY RELYEAR
ORDER BY RELYEAR
DESC
```

RELYEAR
2019
2018
2017
2016
2015
2014
2013
2012
2011
2010

**Credit 3d**

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

Enter Statements:

```
UPDATE MOVIE1157
SET TMDB_VOTES = 0
```

Execute

Clear

OK. 395 rows

Enter Statements:

```
SELECT '103181157' AS STUID, MOVIE1157.*
FROM MOVIE1157
ORDER BY MOVIE1157.MOVIE1157_ID DESC
```

Execute

Clear

**SELECT '103181157' AS STUID, MOVIE1157.\* FROM MOVIE1157 ORDER BY MOVIE1157.MOVIE1157\_ID DESC**

STUID	MOVIE1157_ID	TITLE	RELEAS_YEAR	RUNTIME	RATINGCODE	COLOURCODE	TMDB_SCORE	TMDB_VOTES	IMDB_ID
103181157	549053	Last Christmas	2019	102	PG	C	7.2	0	tt8623904
103181157	512200	Jumanji: The Next Level	2019	98	PG	C	7.3	0	tt7975244
103181157	489925	Eighth Grade	2018	94	M	C	7.6	0	tt7014006
103181157	475557	Joker	2019	122	MA	C	8.8	0	tt7286456
103181157	466272	Once Upon a Time... in Hollywood	2019	161	MA	C	8	0	tt7131622
103181157	459992	Long Shot	2019	125	MA	C	6.9	0	tt2139881

Enter Statements:

```
UPDATE MOVIE1157
SET TMDB_VOTES = 1
WHERE (RUNTIME <= 140 AND RATINGCODE = 'G') OR (RUNTIME >= 170 AND
RATINGCODE = 'M')
```

Execute

Clear

OK. 23 rows

Enter Statements:

```
SELECT '103181157' AS STUID, MOVIE1157, TITLE, RELYEAR, RUNTIME,
TMDB_VOTES, RATINGCODE
FROM MOVIE1157
WHERE TMDB_VOTES = 1
ORDER BY TITLE
```

Execute

Clear

**SELECT '103181157' AS STUID, MOVIE1157, TITLE, RELYEAR, RUNTIME, TMDB\_VOTES, RATINGCODE FROM MOVIE1157 WHERE TMDB\_VOTES = 1 ORDER BY TITLE**

STUID	MOVIE1157	TITLE	RELYEAR	RUNTIME	TMDB_VOTES	RATINGCODE
103181157	218778	Alexander and the Terrible, Horrible, No Good, Very Bad Day	2014	81	1	G
103181157	127380	Finding Dory	2016	103	1	G
103181157	16084	Freaky Friday	1976	95	1	G
103181157	109445	Frozen	2013	102	1	G
103181157	45772	Gnomeo & Juliet	2011	84	1	G
103181157	10549	Hamlet	1996	242	1	M
103181157	9836	Happy Feet	2006	108	1	G

### Credit 3e

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

Enter Statements:

```
SELECT '103181157' AS STUID, MOVIE1157.*
FROM MOVIE1157
WHERE NOT(UPPER(TITLE) LIKE '%A%' OR UPPER(TITLE) LIKE '%B%' OR
UPPER(TITLE) LIKE '%I%' OR UPPER(TITLE) LIKE '%O%')
ORDER BY TITLE DESC
```

Execute

Clear

SELECT '103181157' AS STUID, MOVIE1157.\* FROM MOVIE1157 WHERE NOT(UPPER(TITLE) LIKE '%A%' OR UPPER(TITLE) LIKE '%B%' OR UPPER(TITLE) LIKE '%I%' OR UPPER(TITLE) LIKE '%O%') ORDER BY TITLE DESC

STUID	MOVIEID	TITLE	RELYEAR	RUNTIME	RATINGCODE	COLOURCODE	TMDB_SCORE	TMDB_VOTES	IMDB_ID
103181157	36657	X-Men	2000	104	M	C	6.9	0	tt0120903
103181157	564	The Mummy	1999	124	M	C	6.7	0	tt0120616
103181157	72105	Ted	2012	106	MA	C	6.3	0	tt1637725
103181157	23629	Sucker Punch	2011	110	MA	C	6.1	0	tt0978764
103181157	238713	Spy	2015	120	M	C	6.8	0	tt3079380
103181157	1637	Speed	1994	116	MA	C	6.9	0	tt0111257
103181157	206647	Spectre	2015	148	M	C	6.2	0	tt2379713
103181157	807	Se7en	1995	127	MA	C	8.3	0	tt0114369
103181157	9824	Mystery Men	1999	121	PG	C	5.8	0	tt0132347
103181157	2022	Mr. Deeds	2002	96	M	C	5.7	0	tt0280590
103181157	10710	Envy	2004	99	PG	C	4.8	0	tt0326856
103181157	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.

Enter Statements:

```
DROP TABLE CAR1157;
CREATE TABLE CAR1157 (REGNO VARCHAR(100), MAKE VARCHAR (100), MODEL
VARCHAR(100), SALEDATE DATE, ODOMETERREADING NUMBER,
PRIMARY KEY (REGNO))
```

Execute

Clear

OK. 0 rows

OK. 0 rows

### Credit 3g

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

Enter Statements:

```
INSERT INTO CAR1157 VALUES ('1AMT7U', 'ASTON MARTIN', 'VANTAGE',  
TO_DATE('12/03/2022', 'dd/mm/yyyy'),'5300');  
INSERT INTO CAR1157 VALUES ('103181157', 'NGUYEN NAM TUNG', 'GAMER',  
TO_DATE('06/03/2022', 'dd/mm/yyyy'),'10000');  
INSERT INTO CAR1157 VALUES ('1AMTFGR', 'MIN MAX', 'HAI',  
TO_DATE('12/06/2022', 'dd/mm/yyyy'),'77300');  
|
```

OK. 1 rows

OK. 1 rows

OK. 1 rows

Enter Statements:

```
INSERT INTO CAR1157 VALUES ( 'FWFEFE', 'TOYOTA', 'MINS',  
TO_DATE('16/07/1999', 'dd/mm/yyyy'), '7676')
```

OK. 1 rows

---

### Credit 3h

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

Enter Statements:

```
SELECT *  
FROM CAR1157  
ORDER BY REGNO
```

**SELECT \* FROM CAR1157 ORDER BY REGNO**

REGNO	MAKE	MODEL	SALEDATE	ODOMETERREADING
103181157	NGUYEN NAM TUNG	GAMER	06-MAR-22	10000
1AMT7U	ASTON MARTIN	VANTAGE	12-MAR-22	5300
1AMTFGR	MIN MAX	HAI	12-JUN-22	77300
FWFEFE	TOYOTA	MINS	16-JUL-99	7676

OK. 4 rows selected.

### Credit 3i

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

Enter Statements:

SELECT \*  
FROM CAR1157  
WHERE ODOMETERREADING < 8000

Execute
Clear

**SELECT \* FROM CAR1157 WHERE ODOMETERREADING < 8000**

REGNO	MAKE	MODEL	SALEDATE	ODOMETERREADING
1AMT7U	ASTON MARTIN	VANTAGE	12-MAR-22	5300
FWFEFE	TOYOTA	MINS	16-JUL-99	7676

OK. 2 rows selected.

### Credit 3j

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



Enter Statements:

```
SELECT *
FROM CAR1157
WHERE SALEDATE > TO_DATE('01/01/2019', 'dd/mm/yyyy')
```

Execute

Clear

**SELECT \* FROM CAR1157 WHERE SALEDATE > TO\_DATE('01/01/2019', 'dd/mm/yyyy')**

REGNO	MAKE	MODEL	SALEDATE	ODOMETERREADING
1AMT7U	ASTON MARTIN	VANTAGE	12-MAR-22	5300
103181157	NGUYEN NAM TUNG	GAMER	06-MAR-22	10000
1AMTFGR	MIN MAX	HAI	12-JUN-22	77300

OK. 3 rows selected.