

DAD - Week 7 Tasks

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Task 1.

▶ Run ■ Cancel query

```
1 SELECT * FROM MOVIE4415 WHERE
2 movieno = 70
3 OR movieno = 114
4 OR movieno = 1858
5 OR movieno = 286217
6 ORDER BY movieno ASC;
```

🔍 Search to filter items...

MOVIEENO	TITLE	RELYEAR	RUNTIME	RAT
70	Million Dollar Baby	2004	132	M
114	Pretty Woman	1990	119	MA
1858	Transformers	2007	144	M
286217	The Martian	2015	141	M

Task 2

Query 1 ▶

▶ Run ■ Cancel query

```
1 SELECT * FROM MOVIE4415 WHERE
2 movieno IN ( 137, 10764, 65754, 211672)
3 ORDER BY title ASC;
```

Search to filter items...				
MOVIEID	TITLE	RELEAS_YEAR	RUNTIME	RATING
137	Groundhog Day	1993	101	PG
211672	Minions	2015	91	PG
10764	Quantum of Solace	2008	106	M
65754	The Girl with the Dragon Tattoo	2009	158	MA

Task 3

Run

Cancel query

```

1 SELECT * FROM MOVIE4415 WHERE
2 lower(title) Like 'the%'
3 ORDER BY title ASC;

```

Search to filter items...

MOVIEID	TITLE	RELEAS_YEAR	RUNTIME	RATING
6957	The 40 Year Old Virgin	2005	116	MA
31052	The Accidental Tourist	1988	121	PG
2759	The Adventures of Priscilla, Queen...	1994	104	MA
1930	The Amazing Spider-Man	2012	136	M
102382	The Amazing Spider-Man 2	2014	142	M
74643	The Artist	2011	100	M

Query succeeded | 3s

Task 4

Run

Cancel query

```

1 SELECT * FROM MOVIE4415 WHERE
2 ratingcode = 'MA'
3 AND runtime <= 100
4 ORDER BY movieid ASC;

```

<div> <div> <div></div> <div>Search to filter items...</div> </div> </div>				
MOVIEENO	TITLE	RELYEAR	RUNTIME	RATING
275	Fargo	1996	98	MA
634	Bridget Jones's Diary	2001	97	MA
747	Shaun of the Dead	2004	99	MA
790	The Fog	1980	89	MA
4944	Burn After Reading	2008	96	MA
8952	I Love You Phillip Morris	2009	98	MA
<div> <div></div> <div></div> </div>				
<div> <div></div> <div>Query succeeded 3s</div> </div>				

Task 5

```

1 SELECT * FROM MOVIE4415
2 WHERE (ratingcode = 'PG'
3 AND tmdb_score > 7.6)
4 OR (ratingcode = 'M'
5 AND tmdb_score > 7.8)
6 ORDER BY movieno ASC;

```

MOVIEENO	TITLE	RELYEAR	RUNTIME	RATING
804	Roman Holiday	1953	118	PG
6037	Murder by Death	1976	94	PG
11356	The Odd Couple	1968	106	M
12560	The Big Chill	1983	105	M
49047	Gravity	2013	91	PG
87827	Life Of Pi	2012	127	PG

Task 6

Success query



```

1 SELECT * FROM MOVIE4415
2 WHERE (ratingcode = 'PG'
3 AND tmdb_score > 7.6
4 AND runtime > 110)
5 OR (ratingcode = 'M'
6 AND tmdb_score > 7.8
7 AND runtime > 110)
8 ORDER BY movieno ASC;

```


Pirates of the Caribbean: The Curse of the Black Pearl	2003	M	MATURE (15+)
Kill Bill: Vol. 1	2003	MA	MATURE ACCOMPANIED (15+)
Million Dollar Baby	2004	M	MATURE (15+)
Memento	2000	MA	MATURE ACCOMPANIED (15+)
Blade Runner	1982	MA	MATURE ACCOMPANIED (15+)
Armageddon	1998	M	MATURE (15+)
Pretty Woman	1990	MA	MATURE ACCOMPANIED (15+)
Gladiator	2000	PG	PARENTAL GUIDANCE

Task 9

 Run
  Cancel query



```

1 SELECT M.title, M.relyear, M.ratingcode, R.longdesc
2 FROM MOVIE4415 M
3 INNER JOIN RATING4415 R
4 ON M.ratingcode = R.ratingcode
5 WHERE M.relyear >= 2015
6 ORDER BY M.movieno ASC;

```

TITLE	RELYEAR	RATINGCODE	LONGDESC
Ghostbusters	2016	PG	Parental guidance recommended for persons ...
Finding Dory	2016	G	Suitable for all ages
The Hunger Games: Mockingjay - Part 2	2015	M	Recommended for mature audiences 15 years ...
The Man from U.N.C.L.E.	2015	M	Recommended for mature audiences 15 years ...
Spectre	2015	M	Recommended for mature audiences 15 years ...
Batman v Superman: Dawn of Justice	2016	M	Recommended for mature audiences 15 years ...
Minions	2015	PG	Parental guidance recommended for persons ...

Task 10

 Run
  Cancel query

```

1 SELECT M.title, M.relyear, M.ratingcode, R.longdesc, C.colourname FROM
2 MOVIE4415 M
3 INNER JOIN
4   RATING4415 R ON M.ratingcode = R.ratingcode
5 INNER JOIN
6   COLOURTYPE4415 C ON M.colour_code = C.colour_code
7 WHERE M.runtime < 90
8 ORDER BY M.movieno ASC;

```

Search to filter items...				
TITLE	RELYEAR	RATINGCODE	LONGDESC	COLOURNAME
The Fog	1980	MA	Persons under 15 years must be accom...	Colour MOVIE4415
Toy Story	1995	G	Suitable for all ages	Colour MOVIE4415
Zoolander	2001	M	Recommended for mature audiences 1...	Colour MOVIE4415
Johnny English	2003	PG	Parental guidance recommended for pe...	Colour MOVIE4415
Stuart Little	1999	PG	Parental guidance recommended for pe...	Colour MOVIE4415
Confessions of a Teenage Drama Queen	2004	PG	Parental guidance recommended for pe...	Colour MOVIE4415
Zombieland	2009	MA	Persons under 15 years must be accom...	Colour MOVIE4415

The query is correct I think but when I did my find a replace I must have replaced all the “Colour movie” with “Colour MOVIE4415”.

Task 11

```

1 SELECT M.movieno, M.title, M.ratingcode, R.shortdesc, M.tmdb_score
2 FROM MOVIE4415 M
3 INNER JOIN RATING4415 R
4 ON M.ratingcode = R.ratingcode
5 WHERE
6 ((M.ratingcode = 'MA' AND (M.runtime >= 100 AND M.runtime <= 102))
7 OR
8 (M.ratingcode = 'G' AND M.runtime <= 90)
9 OR
10 (M.ratingcode = 'PG' AND (M.runtime >= 120 AND M.runtime <= 125))
11 OR
12 (M.ratingcode = 'M' AND M.runtime >= 180))
13 AND (M.tmdb_score >= 6.5 AND M.tmdb_score <= 7.5)
14 ORDER BY M.movieno ASC;

```

MOVIENO	TITLE	RATINGCODE	SHORTDESC	TMDB_SCORE
122	The Lord of the Rings: The Return of ...	M	MATURE (15+)	7.5
153	Lost in Translation	MA	MATURE ACCOMPANIED (15+)	7.0
597	Titanic	M	MATURE (15+)	6.8
773	Little Miss Sunshine	MA	MATURE ACCOMPANIED (15+)	6.8
862	Toy Story	G	GENERAL	7.2
10549	Hamlet	M	MATURE (15+)	6.8
17696	Robin and the 7 Hoods	PG	PARENTAL GUIDANCE	7.2
18785	The Hangover	MA	MATURE ACCOMPANIED (15+)	6.8

Task 12

▶ Run

■ Cancel query

```
1 SELECT M.movieno, M.title, M.runtime, M.tmdb_score, R.longdesc
2 FROM MOVIE4415 M
3 INNER JOIN RATING4415 R
4 ON M.ratingcode = R.ratingcode
5 WHERE
6 | lower(R.longdesc) Like '%recommended%'
7 OR
8 | M.tmdb_id Like '%44%'
9 OR
10 | lower(M.title) Like '%t%';
11
12
```

MOVIEENO	TITLE	RUNTIME	TMDB_SCORE	LONGDESC
22	Pirates of the Caribbean: The Curse of t...	143	6.9	Recommended for mature audiences 1...
70	Million Dollar Baby	132	7.0	Recommended for mature audiences 1...
77	Memento	113	7.4	Persons under 15 years must be accom...
95	Armageddon	151	6.2	Recommended for mature audiences 1...
114	Pretty Woman	119	6.4	Persons under 15 years must be accom...
118	Charlie and the Chocolate Factory	115	6.0	Parental guidance recommended for p...
120	The Lord of the Rings: The Fellowship ...	178	7.4	Recommended for mature audiences 1...

Task 13

▶ Run

■ Cancel query

```
1 SELECT DISTINCT tmdb_score
2 FROM MOVIE4415
3 ORDER BY tmdb_score ASC;
```

Results Messages

 Search to filter items...

TMDB_SCORE

4.7

4.8

4.9

5.1

5.2

5.3

5.4

Task 14

 Run  Cancel query

```
1 SELECT * FROM MOVIE4415
2 WHERE
3     lower(title) NOT LIKE '%a%' AND
4     lower(title) NOT LIKE '%e%' AND
5     lower(title) NOT LIKE '%i%'
6 ORDER BY title ASC;
7 |
```

Results Messages

 Search to filter items...

MOVIEID	TITLE	RELYEAR	RUNTIME	RATINGCODE
85350	Boyhood	2014	165	MA
4638	Hot Fuzz	2007	121	MA
7326	Juno	2007	96	M
539	Psycho	1960	109	MA
9928	Robots	2005	91	PG
1584	School of Rock	2003	108	M
10195	Thor	2011	115	M

Task 15

```
► Run ■ Cancel query

1 UPDATE MOVIE4415 SET tmdb_votes = 0;
```

```
► Run ■ Cancel query

1 UPDATE MOVIE4415 SET tmdb_score = 1
2 WHERE
3     (runtime >= 180 AND ratingcode = 'M')
4 OR
5     (runtime >= 160 AND ratingcode = 'MA');
```

[Results](#) [Messages](#)

Query succeeded: Affected rows: 9.

```
► Run ■ Cancel query

1 SELECT movieno, title, relyear, runtime, ratingcode FROM MOVIE4415
2 WHERE
3     tmdb_score = 1
4 ORDER BY title ASC;
```

[RESULTS](#) [messages](#)

Search to filter items...				
MOVIEENO	TITLE	RELYEAR	RUNTIME	RATINGCODE
85350	Boyhood	2014	165	MA
83542	Cloud Atlas	2012	172	MA
68718	Django Unchained	2012	165	MA
10549	Hamlet	1996	242	M
254	King Kong	2005	187	M
676	Pearl Harbor	2001	183	M
424	Schindler's List	1993	195	MA