

Access Lesson 01 Submission Tasks

Submission Process

Download **DAD_submission_template.docx** from blackboard.

Paste the required screen captures from the tasks below into this file.

Submit the (.docx) file into the appropriate weekly task on **Doubtfire**.

Setup

Download the file named **moviedb.accdb** from Blackboard.

Open the file using Microsoft Access.

Important: Before you begin, you must **rename** the MOVIE table so that it now contains the word MOVIE plus the final 4 digits of your student ID.

E.g. If your id is 100234567 then the name must be **MOVIE4567**.

Task 1.

Open the Movie4567 (or similar) Table in **datasheet view**

Note: This is **NOT a Query**. Use the table datasheet view and use **filters**.

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Use multiple **filters** and **sorting** to show movies that have all of the following:

- Release year \geq 1990
- Runtime is between 90 and 99 minutes
- Rating code is G or PG
- TMDb score is between 6.5 and 7.5
- The list must be in Ascending Title sequence.

Use a screen capture tool (such as the Snipping Tool) capture the few rows that are displayed after applying the above filters and sorting. This is an example of how your partial screen capture should look (the row values will differ). Note that the table name **must** contain the final 4 digits of your student ID.

MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567
MOVIE4567	TITLE	RELYEAR	RUNTIME	RATINGCODE	COLOUR_CODE	TMDB_SCORE	TMDB_VOTES	IMDB_ID				
10776	Little Shop of Horrors	1986	94 M	M	C	5.9	50	tt0091419				
607	Men in Black	1997	98 M	M	C	6.5	1425	tt0119654				
10536	The Italian Job	1969	99 M	M	C	7.8	36	tt0064505				
11003	The Wedding Singer	1998	95 M	M	C	6.4	116	tt0120888				

Paste the screen captures in the appropriate position in **DAD_submission_template.docx**

Task 2.

Create a **single** Query that displays the following:

- The MOVIE4567, TITLE & RELYEAR of all movies from the year 2014.
- The list must appear in Ascending MovieNo sequence

Save the query. Call it W1T2

Screen capture the Query Design Grid. It will be similar to this: (the fields will differ).

Field:	TITLE	RELYEAR	RATINGCODE	COLOUR_CODE	TMDB_SCORE	
Table:	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	MOVIE4567	
Sort:						
Show:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Criteria:						
or:						

Screen capture all of the rows that are displayed once this query is executed:

e.g.

MOVIE4567	TITLE	RELYEAR
86834	Noah	2014
91314	Transformers: Age of Extinction	2014
100402	Captain America: The Winter Soldier	2014

Paste the screen captures in the appropriate position in **DAD_submission_template.docx**

Task 3.

Create a **single** Query called W1T3.

It must display the RELYEAR, TITLE and TMDB_SCORE for all movies that were made in 2010 or later and that have a tmdb score > 7.5

- Screen Capture the Query Design Grid.
- Screen Capture all of the rows that are displayed.
- Paste the screen captures in the appropriate position.

Task 4.

Create a **single** Query called W1T4.

It must display the MOVIEID, TITLE, RATINGCODE, RELYEAR and RUNTIME for all movies that were made in the period 2000-2009 (inclusive) and have a runtime less than 100 minutes and are rated "G" or "PG".

- Screen Capture the Query Design Grid.
- Screen Capture all of the rows that are displayed.
- Paste the screen captures in the appropriate position.

Task 5.

Create a **single** Query called W1T5.

It must display all fields for movies that meet all of these criteria:

- The movie must have the phrases **woman** or **girl** or **miss** or **mrs** within the TITLE
- The movie must have fewer than 1000 TMDB_VOTES
- Screen Capture the Query Design Grid.
- Screen Capture all of the rows that are displayed.
- Paste the screen captures in the appropriate position.

Task 6.

Create a **new table** named Member9999 (where 9999 is the last four digits of your student)

- The table must include a 4 columns, Membid, Surname, Givenname and Birthdate.
- Membid must be Numeric (notAutonumber) type.
- Surname and Givenname are short text datatypes.
- Birthdate is a data/time datatype.
- Membid must be the primary key.

Add FIVE rows of data to this table

The first 3 rows match the data below:

Member4567			
Membid	Surname	Givenname	Birthdate
1	Bloggs	Fred	5/06/1997
2	Sue	Davies	13/04/2001
3	Emma	Pitt	23/08/1992

The 4th row contains details of your favourite author or musician. You can use any id you wish.

The 5th row must contain data about you that.

- Includes **your name &** your student ID as the memberID (If your ID contains an "X" character, then omit the "X" from the member id.)
- Screen Capture the table design screen (the screen that shows the field names and datatypes)
- Screen Capture all rows in the Member9999 table
- Paste the screen captures in the appropriate position.

Setup

Download the Customer database named cust.accdb from Blackboard.

Open the file using Microsoft Access.

Important: Before you begin, you must **rename** the CUSTOMER table so that it now contains the word CUSTOMER plus the final 4 digits of your student ID. E.g. If your id is 100234567 then the name must be **CUSTOMER4567**.

Task 7.

Create a **single** query named W1T7.

The query must display the Customer ID, surname, gender, loyalty pts, rating and state for all records that meet **all** of these criteria:

- The Gender must be female
 - The Loyalty Points must be greater than or equal to 9600
 - The Rating must be 1
 - The State must be Victoria
-
- Screen Capture the Query Design Grid.
 - Screen Capture all rows displayed by this query.
 - Paste the screen capture in the appropriate position.

Task 8.

Create a **single** query named W1T8. The query must display the Customer ID, surname, gender, loyalty pts, rating and state for all records that meet all of these criteria:

- Sales this year must be less than 190
- The Rating must be 1
- The state must be Victoria
- The loyalty points must be in the range 500 to 999

OR

- Sales last year must be greater than 210
- The Rating must be 2
- The state must be New South Wales
- The loyalty points must be in the range 9900 to 9999

Note: This must be a **single** query (and not two or more individual queries).

- Screen Capture the Query Design Grid.
- Screen Capture all rows displayed by this query.
- Paste the screen capture in the appropriate position.

Task 9.

Create a single query named W1T9.

The query must display the Customer ID, given name, surname, date of birth for all records that meet all of these criteria:

- The person must have been born within these dates: 30th Nov 2000 to 30th June 2002

(You may need to google how to use dates in access to work this out)

- Screen Capture the Query Design Grid.
- Screen Capture all rows displayed by this query.
- Paste the screen capture in the appropriate position.

Task 10.

Add yourself as a customer into this table.

- Use your student id as the customer id (remove the 'X' if your student ID end with an 'X').
- Generate any values you wish for the other fields.

Screen Capture a few rows from this table that include your customer details.

Paste the screen capture in the appropriate position.