# 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 >= 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.



Paste the screen captures in the appropriate position in DAD submission template.docx

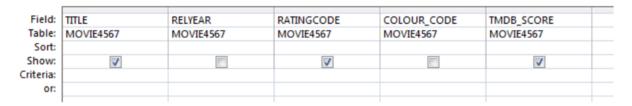
#### Task 2.

Create a single Query that displays the following:

- The MOVIENO, 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).



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

e.g.



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 MOVIENO, 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.

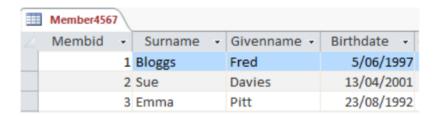
#### Task 6.

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:



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

The 5<sup>th</sup> 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.