

# Week 5 Submission Tasks

## References

<http://www.w3schools.com/sql/>

<https://www.techonthenet.com/sql/>

## Submission Process

Download **W05\_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 **movie\_only.txt** from Blackboard.
- Edit the script.
- Perform a find and replace. Change all occurrences of movieXXXX to movie9999 (where 9999 is the last 4 digits of your student ID)
- **Save the changes.**
- Go to your Azure Database Query Editor.
- Using the Query Editor 'Open Query' tab, open and execute the script that you modified earlier named movie\_only.txt.

## Task 1.

Write and execute the SQL statement to list only the TITLE and RELYEAR columns of every row.

No specific sequence is required.

Screen Capture the SQL text box.

Screen Capture the first 5 rows of the result set

Paste the screen captures in the appropriate position in **W05\_submission\_template.docx**

## Task 2.

Write and execute the SQL statement to list only the movie no, title , tmdb\_score and relyear of every row in the movie table.

The list must be in descending tmdb\_score sequence

Screen Capture the SQL text box plus the first 5 rows of the result set

Paste the screen captures in the appropriate position.

## Task 3.

Write and execute the SQL statement to list only the movie no, title , rating of every row in the movie table that has a PG rating.

The list must be in ascending title sequence

Screen Capture the SQL text box plus the first 5 rows of the result set

Paste the screen captures in the appropriate position.

## Task 4.

Write and execute the SQL statement to list only the movie no, title , relyear of every row in the movie table that was released prior to 1975.

The list must be in ascending relyear, title sequence

Screen Capture the SQL text box plus the first 5 rows of the result set

Paste the screen captures in the appropriate position.

## Task 5.

Write and execute the SQL statement to list only the movie no, title , relyear of every row in the movie table that has the title Hamlet.

(The case must be spelt exactly as it is stored in the table)

The list must be in ascending relyear sequence

Screen Capture the SQL text box plus the all rows of the result set

Paste the screen captures in the appropriate position.

### Task 6.

Write and execute the SQL statement to list all columns of every row in the movie table that has the a tmdb\_score of 7.8 or better and a release year of 2010 or greater.

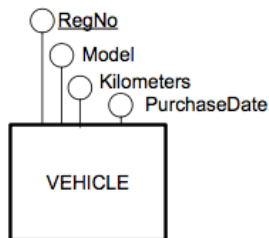
The list must be in ascending movieno sequence.

Screen Capture the SQL text box plus the all rows of the result set

Paste the screen captures in the appropriate position.

### Task 7.

Create the relational schema for a relation named VEHICLE9999 (where 9999 is the last 4 digits of your student ID) based on the following ERD.



Paste the relational schema in the appropriate position.

### Task 8.

- Create a SQL script named create\_vehicle\_sql.txt which contains SQL to contains the following:
- Has a Drop table statement that drop a table named VEHICLE9999
- Has a Crate Table statement that creates the table named VEHICLE9999 based on the relational schema that you have created.
  - The Primary Key column and Model column are varchar datatypes (you may specify an appropriate length for each)
  - The Kilometers column is numeric (you may specify the length)
  - The Purchase Date is a Date datatype.

Paste the **SQL** from this script into the appropriate position.

## Task 9.

Create a SQL script named insert\_vehicles\_sql.txt which contains SQL to contains the following:

Has insert statements that add the following data to the table:

TRP040	Ford Magnum	27070	March 12, 2014
ABC123	Mazda 951	38200	July 17, 2013
PUG963	Toyota Blitz	13020	April 25, 2015
ZZW901	Audi K9	30600	November 4, 2014

Help on inserting dates and formats can be found at:

- [https://www.techonthenet.com/oracle/questions/insert\\_date.php](https://www.techonthenet.com/oracle/questions/insert_date.php)
- [https://www.techonthenet.com/oracle/functions/to\\_date.php](https://www.techonthenet.com/oracle/functions/to_date.php)
- [http://www.dba-oracle.com/f\\_to\\_date.htm](http://www.dba-oracle.com/f_to_date.htm)

Paste the SQL from this script into the appropriate position.

## Task 10.

Write and execute the SQL statement to list all rows of the vehicle table in Key sequence.

Screen Capture the SQL text box plus the all rows of the result set

Paste the screen captures in the appropriate position.

## Task 11.

Write and execute the SQL statement to list all rows of the vehicle table that have a kilometres value of less than 30000

Screen Capture the SQL text box plus the all rows of the result set

Paste the screen captures in the appropriate position.

## Task 12.

Write and execute the SQL statement to list all rows of the vehicle table that have a purchase date greater than June 01 2014.

[https://www.techonthenet.com/oracle/functions/to\\_date.php](https://www.techonthenet.com/oracle/functions/to_date.php)

Screen Capture the SQL text box plus the all rows of the result set

Paste the screen captures in the appropriate position.