

SQL Assignment 1_2018 (10%)

Questions:

1. List titles of items published in the year 2011, 2012, 2014 and 2016. Include Title and PubYear in your query results. You must use the “IN” keyword in your SQL. **Sort by year in descending order then title in ascending order.**

Use only the following join syntax for questions that require join.

SELECT *column-list*

FROM *table 1* **JOIN** *table 2* **ON** *joint-condition*

Where *conditions*

2. List all copies of the paper books begin with “iPhone” and containing the word “projects” in the title. Display the title and MediaID.
3. The Library manager would like to know all copies of items that are available and in poor condition. Sort the results in ascending order by itemID. Include InventoryItemID, Title, Status, and Condition in your query results.
4. The library intends to increase 10% to the ReplacementCost for items published in 2010 or 2014. Produce a table showing the original ReplacementCost and the new ReplacemnetCost. Round all numbers to 2 decimal. The output format should be the same as the format of the table below. Use the ‘OR’ keyword in the SQL and sort by year of publication in descending order.

Title of Item	Year of Publication	ReplacementCost	ReplacementCost(NEW)

5. Find library members whose first name contains two words (separate with a space eg. Jong un, Kim). Format the output to be the same as the table below.

Full Name	Gender	MemberStatus	Member Since	Major
<i>{The format of full name should be First Name,(space)Last Name.}</i>				



<i>For instance, Seung Yon, Kim }</i>				
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6. Show a name list of **distinct** authors who **last name** must not contain the letter “a” (first name can contain the letter ‘a’). Sort the result in ascending order. The SQL must use the NOT keyword. Note: The author in the table is written in *Lastname, FirstName* format.
7. List the items that have no description. Display the itemID, title and sort by itemID in descending order. Use the “IS NULL” keyword.
8. Modify the SQL expression in Chapter 14 of the Sqlite Tutorial to show the total rows of records in the customer table.