



# **CPSC203: (DATABASES) WEEK-3 LAB-1 CROSSTAB QUERIES AND CUSTOM CALCULATIONS**

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## COURSE WEBSITE

[http://wiki.ucalgary.ca/page/  
Courses/Computer\\_Science/  
CPSC\\_203/CPSC\\_203\\_Template](http://wiki.ucalgary.ca/page/Courses/Computer_Science/CPSC_203/CPSC_203_Template)



# EXAMPLE

## TASKS:

- Download the database "W08\_BookExampleWQueries\_20080228.mdb" from the wiki page of Databases:Week-2 Lab-2(The previous lab)
- Create a query by crosstab query wizard such that the row heading is pub\_name, column heading is advance and perform the COUNT calculation on title\_name field.



# EXAMPLE

- Write a query using If statement such that the query retrieves `pub_name`, `title_name`, `advance` and a custom field which states “Received an advance” whenever the advance is greater than 15000 otherwise “Not received an advance”.
- Write a query using a nested If statement such that the query retrieves the similar fields like the above query- but this time the custom field states a statement based on the following conditions:
  - If advance is less than 10000, statement is “Low advance payout”
  - Else If advance is less than 20000, statement is “Middle advance payout”
  - Else If advance is less than 30000, statement is “High advance payout”
  - Otherwise “Maximum advance payout”

