CPSC 203: Week I- Lab I

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(T-14)

CT Hours: Friday 12:00 pm - 2:00 pm

Topics To Be Covered:

- Spreadsheets
- Databases
- Problem Solving using Alice

Course Structure:

- Lab Quiz I (7.5%) (Feb 9th, 2010)
- Lab Quiz 2 (7.5%) (March 16th, 2010)

- Assignment I (7.5%) (Feb 12th,2010)
- Assignment 2 (7.5%) (March 23rd, 2010)

Project (10%) (April 16th, 2010)

Some Tips for the Class:

- Do not save your work on computers, make a copy of it before logging off.
- Food and Drinks are not allowed.
- Quizzes are open-book.
- Feedback is highly appreciated!

Wiki:

• http://wiki.ucalgary.ca

- Search CPSC 203
 - Click the first search result
- /Winter 2010 Lab Manual

- /Winter 2010 Teaching Assistants
 - /WI0 Shreya Rawal

Blackboard and Other Information

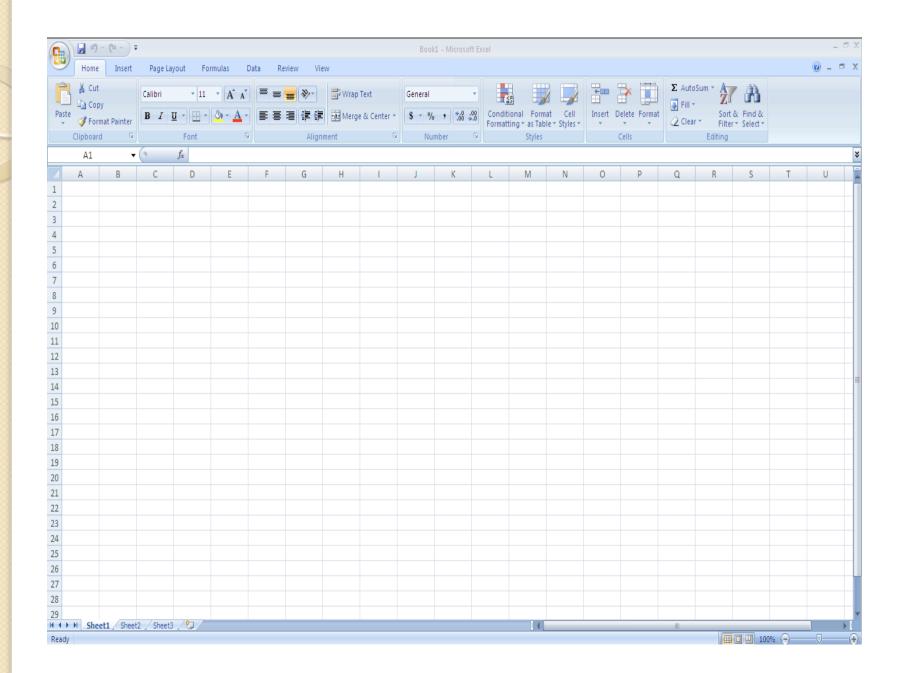
- We will use blackboard for Assignment and Lab Quiz Submissions.
- Grades will be posted on Blackboard
- Make sure that your username and password is working before Lab Quiz-I
- If you don't have a UCIT Account visit the UCIT Support Centre, Math Sciences 7th floor.
- Or register online:

https://www.acs.ucalgary.ca/itutil? process=WebRegister

SPREADSHEETS!!!

Components of a spreadsheet window

- Ribbon
- Main Toolbar
- Contextual Menu
- Office Button
- Help



Today's Tutorial Spreadsheets

- Typing in some basic data
- Using the AutoFill feature
- Setting-up appropriate field formats, such as currency, numbers, text, etc.
- Calculating basic statistics

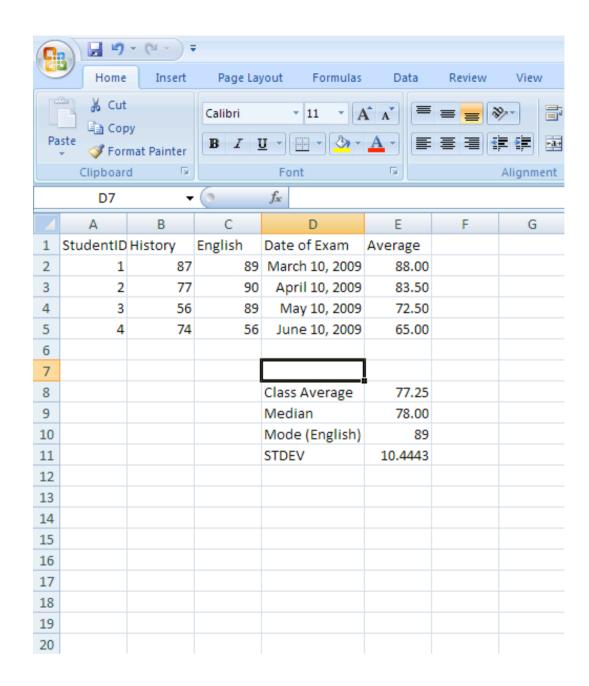
Doing some basic calculations

- Use "=" followed by your formula
 - Example: = (AI4+A22)/DI2

Exercise:

Student ID	History	English	Date of Exam	Average
I	87	89	3/10/2009	
2	77	90	4/10/2009	
	56	89	3/10/2009	
	74	56	5/10/2009	

- Complete Student ID using autofill
- •Calculate Average using the formula =(B2+C2)/2 in the Average column, write the formula once and then use autofill to calculate remaining cells
- •Format Date of Exam to be in following format:
 - •March 10, 2009
- •Format Average to be a number of 2 decimal places
- •Find Class average (Average of Average), Median of Average, Mode for English marks, STD for Average, Count number of students



Go through wiki once before next tutorial!!