

CS 105

Week 7, continued

MP5

Weekly Reading #6

MP1 – MP3 Regrades

Microsoft Excel

Microsoft Excel is a spreadsheet application.

Spreadsheets

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- Provides users a two-dimensional layout of **cells** that are organized into **rows** and **columns**.

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- Rows are labeled numerically (1, 2, 3...)
- Columns are labeled alphabetically (A, B, C, ...)

Spreadsheets

- Provides users a two-dimensional layout of **cells** that are organized into **rows** and **columns**.
- Excel is one of many spreadsheet tools:
 - Google Docs
 - OpenOffice
 - Numbers for Mac

Microsoft Excel

- Microsoft Excel is the **most widely used** spreadsheet tool.

Data Types

Five Basic Types

Five Basic Types

- Numbers

Five Basic Types

- Numbers
- Strings

Five Basic Types

- Numbers
- Strings
- Dates

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- Numbers
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- Dates
- Currencies

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Formulas

Excel Formulas

- If the first character in your input is an equal sign (=), **the value of the cell is read as a program.**

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- If the first character in your input is an equal sign (=), **the value of the cell is read as a program.**
- You can reference other cells' value by entering their cell column and row identification (eg: **=C3**).

=SUM()

=COUNT()

=AVERAGE()

=SUMIF()

=COUNTIF()

=AVERAGEIF()

Excel Ranges

- Format: **A1:A6**
...starts with A1, goes until A6.