

Spreadsheets I

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1 Administrivia

Announcements

No more online quizzes.

Assignment

From Last Time

AI video. Questions:

1. Aren't we "programmed" via parenting, school, etc.?
2. If we are no more than carbon-based machines, why can't computers, or something like them, be like us?

Outline

1. Introduction to spreadsheets.
2. Spreadsheet lab.

Coming Up

More on spreadsheets.

2 Introduction

1. What is a spreadsheet?
2. Why would I use one?

Example file for the following: `grades.xls`.

Parts of the Excel window:

1. Rows.
2. Columns.
3. Cells.
4. Formula bar.
5. Sheets (Can be renamed).
6. Formatting tools.

Cell can contain one of:

1. Number.
2. Label (text).
3. Formula.

Formulas:

1. Begin with = .
2. Standard arithmetic operations: +, -, *, / .
3. Can contain cell references: =A1+A2+A3+A4 .
Can type references in or select.
4. More convenient: =SUM(A1:A4) .
Can select a range.
5. Ranges.
6. Auto Sum shortcut.
7. Paste Function shortcut.
8. Copying formulas.
9. Absolute and relative references.

3 Excel Exercise