

ANNOUNCEMENTS

- ❖ Check class announcements daily
- ❖ You must implement programming projects by yourself

SOME SITES

- ❖ TinyURL → <http://tinyurl.com/>
- ❖ Browser Shots → <http://browsershots.org>
 - ❖ Cross browser testing

TECHNOLOGIES FOR RESEARCH

- ❖ Library Catalogs
- ❖ Lower Shore Library Consortium
 - ❖ <http://heron.wico.lib.md.us/>
 - ❖ Searching is possible by keyword, title, author, subject
- ❖ UMD Libraries
 - ❖ <http://www.lib.umd.edu/>
 - ❖ <http://umaryland.worldcat.org/> → Allows you to search libraries worldwide, UMD & partners, UMCP
 - ❖ <http://researchport.umd.edu/func=databases> → Allows you to search by subject category and by database name
 - ❖ <http://www.lib.umd.edu/digital/> → Digitized materials from the collections of the University of Maryland

TECHNOLOGIES FOR RESEARCH

- ❖ Scientific Databases

- ❖ <http://www.scicentral.com/Y-databa.html>
 - ❖ <http://www.sc.edu/library/science/scisdbdb.html>

- ❖ Book Searches

- ❖ <http://books.google.com/>
 - ❖ <http://www.abebooks.com/>
 - ❖ Amazon's Search Inside books
 - ❖ Safari Books Online → <http://proquest.safaribooksonline.com/>
 - ❖ The Online Books Page
 - ❖ <http://onlinebooks.library.upenn.edu/lists.html>
 - ❖ Project Gutenberg
 - ❖ http://www.gutenberg.org/wiki/Main_Page
 - ❖ Other
 - ❖ http://educhoices.org/articles/Online_Libraries_-_25_Places_to_Read_Free_Books_Online.html

TECHNOLOGIES FOR RESEARCH

- ❖ Yellow/White Pages

- ❖ <http://www.switchboard.com/>

- ❖ People/Events

- ❖ <http://www.whowhere.com>

- ❖ Classmates

- ❖ <http://www.classmates.com/>

- ❖ Sounds

- ❖ <http://www.findsounds.com/types.html>

GOOGLE SEARCH

- ❖ From <http://www.google.com/help>
- ❖ Returns pages with all the specified terms (no need for “and”)
- ❖ Use OR to include either of two terms
 - ❖ E.g. vpn OR salsa
- ❖ Not case sensitive
- ❖ Common words (e.g., how and where) are automatically excluded
 - ❖ Add a “+” if you need the word
- ❖ “I’m Feeling Lucky” button → returns most relevant site
 - ❖ E.g. University of Maryland
- ❖ For exact phrases use quotation marks (e.g., “Summer Party”)
- ❖ References for search
 - ❖ Basic →
<http://www.google.com/support/websearch/bin/answer.py?answer=134479>
 - ❖ Advanced →
<http://www.google.com/support/websearch/bin/answer.py?answer=136861>
 - ❖ Search Tips →
<http://www.google.com/landing/searchtips/#helpcenter>

GOOGLE SEARCH

- ❖ Advance operators (query words with special meaning)
 - ❖ **link** → Lists web pages with links to specified site
 - ❖ Example: link:www.cs.umd.edu
 - ❖ **info** → provides some information google keeps about a site
 - ❖ Example: info:www.cs.umd.edu
 - ❖ **define** → provides definitions
 - ❖ Example: define:atom
 - ❖ **allintitle** → all words must appear in the title
 - ❖ Example: allintitle:teaching science
 - ❖ **site** → search is limited to specified site
 - ❖ Example: Nelson Padua-Perez site: www.cs.umd.edu
- ❖ Advanced Image Search
 - ❖ http://images.google.com/advanced_image_search

PROJECT #2

- ❖ Let's go over the project

CODING EXAMPLE (CASHIER)

- ❖ Let's write pseudocode for a program that reads items and computes a total. The program will stop reading items when "quit" is entered
- ❖ Items: milk → \$1.0, paper → \$3.0, water → \$2.0, other → 1.0
- ❖ Let's now expand the program so we can compute a summary of the number of items we have sold for each category (along with the total contribution)