



دانشکده فنی و مهندسی
گروه مهندسی عمران

درس سمینار

(Seminar)

دکتر مهرداد حجازی

۱۳۸۸

فصل چهارم

جستجو در اینترنت
(Search on the Internet)



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- Advanced searching (جستجوی پیشرفته)

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Search Engine

- A program that searches documents for specified keywords and returns a list of documents where the keywords were found
- On the WWW, utilises automated robotics to gather and index information
- Search options
 - Google <http://www.google.com>
 - Google Scholar (more focused) <http://www.scholar.google.com>
 - Yahoo <http://www.yahoo.com/>

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Available Search Tools

- www.yahoo.com
- www.aol.com
- www.comacst.net
- www.google.com
- www.msn.com
- www.answers.com
- www.alltheweb.com
- www.altavista.com



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- www.toseeka.com
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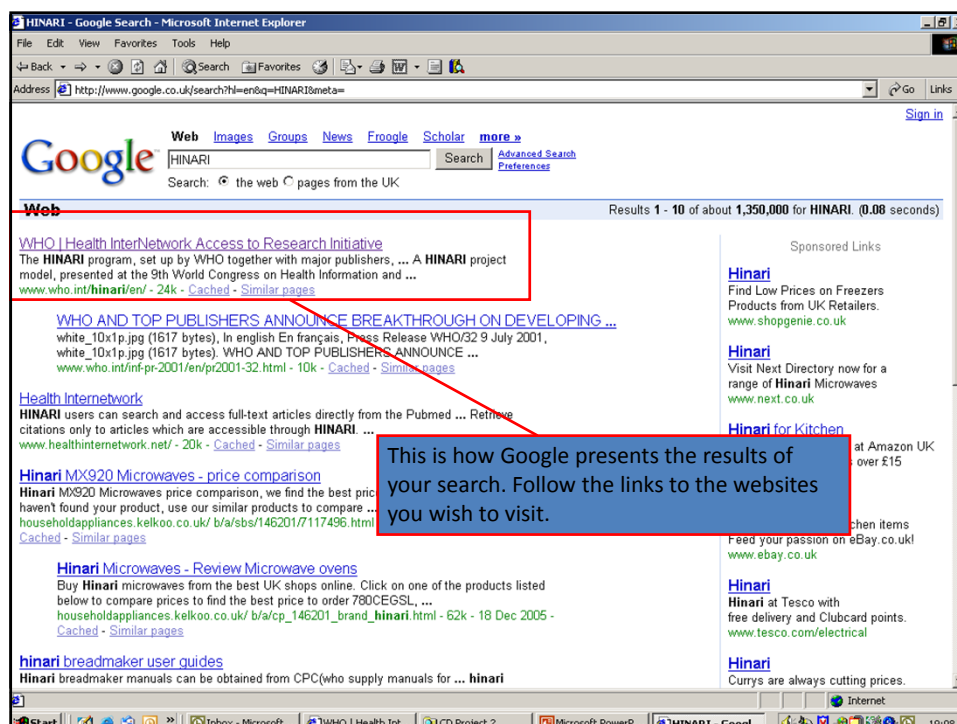
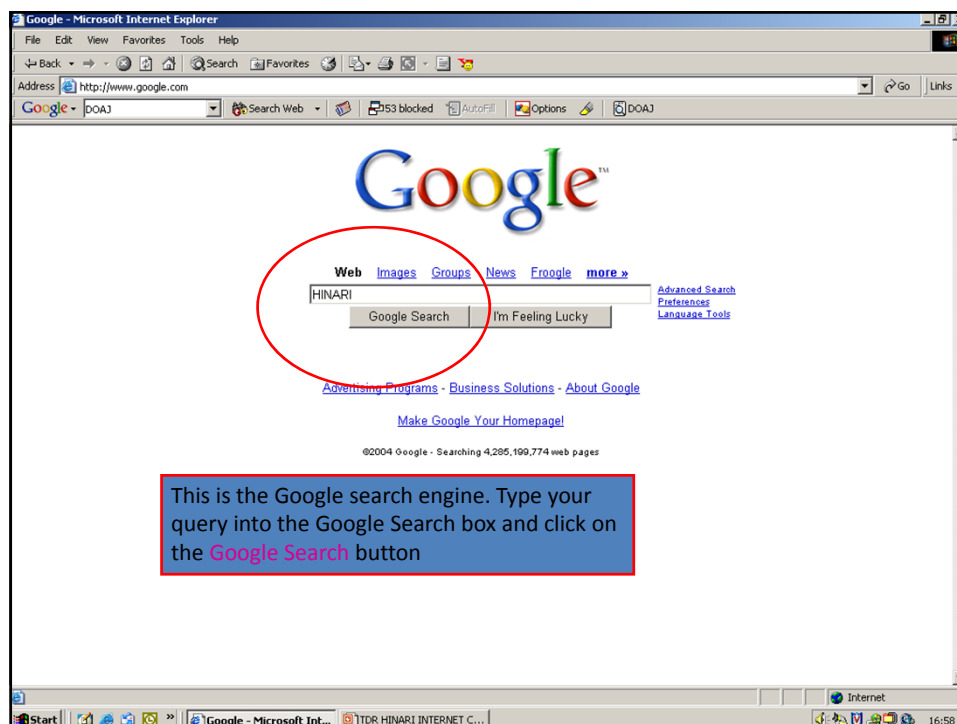
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The Google search engine



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Boolean Operators

- Connect terms and locate records containing matching terms in one of the specified field, both of the specified fields, or all of the specified fields.
- Inserted in a user fill-in template or search box.
- Must be in **UPPERCASE** when used.
- **AND, NOT** operators are processed in a left- to right sequence. **These are processed first before the OR operators.**
- **OR** operators are also processed from left to right.



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Using Logic Tools

- AND
- OR
- NOT
- Parentheses
- Quote marks



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Full Boolean Searching

- Use Logic Operators
 - AND
 - OR
 - NOT

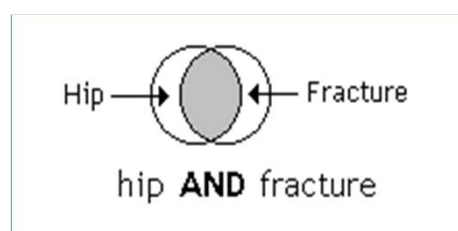


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AND Operator

(to combine **two** concepts and narrow a search)



the **AND** operator is used to combine two concepts e.g. hip **AND** fracture – in the shaded area; retrieves items containing all the search terms



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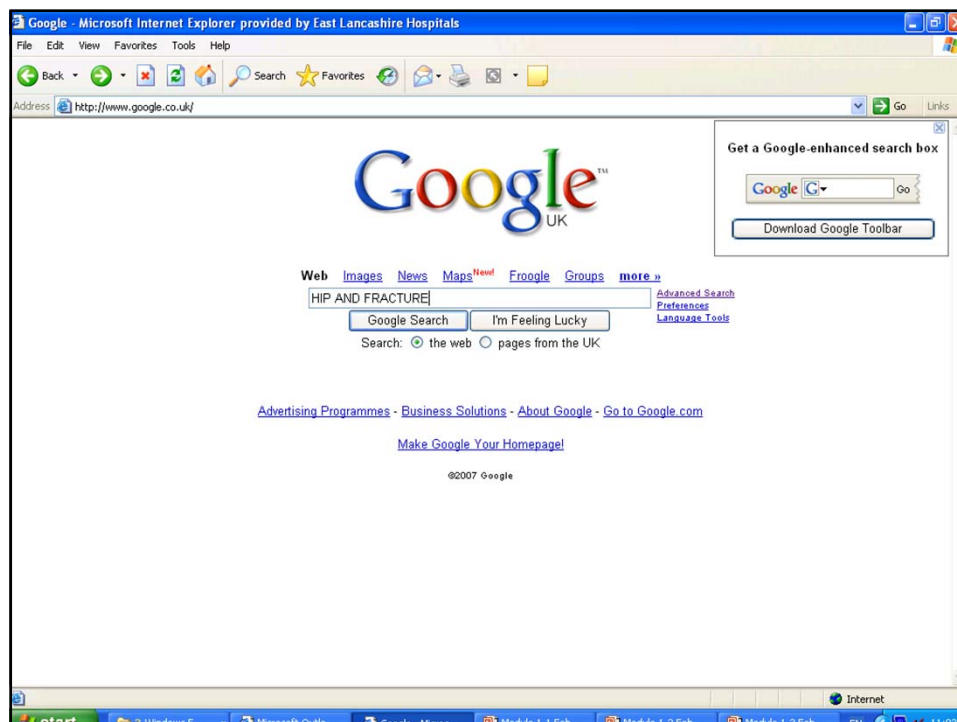
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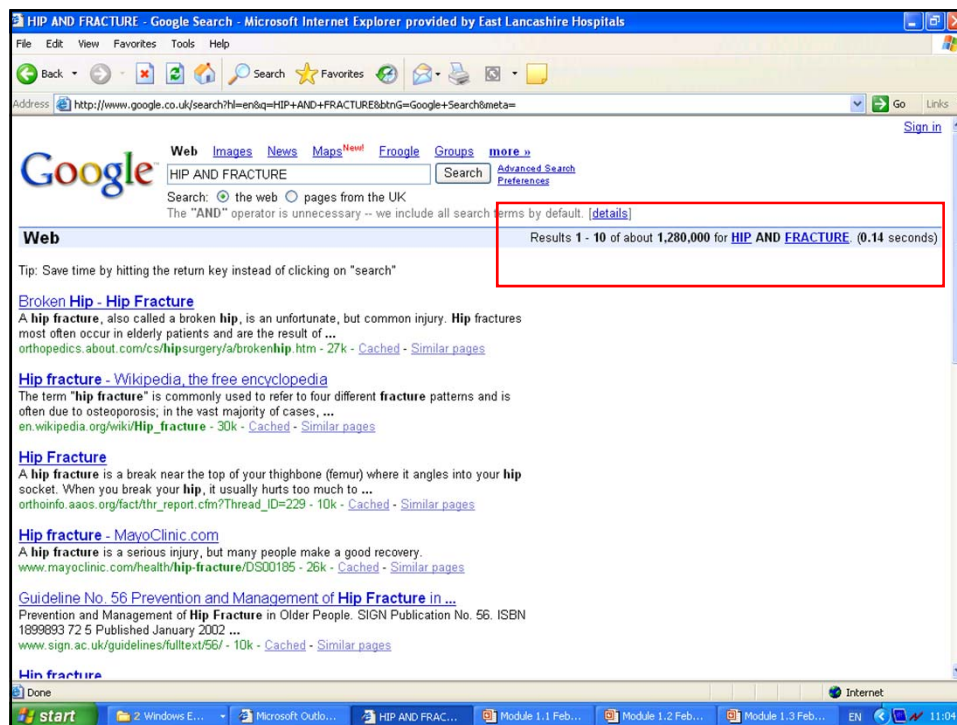
Boolean AND example



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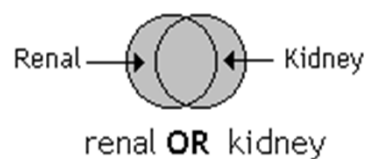
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OR Operator

(info containing one or other term; will broaden a search)

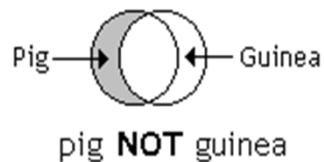


renal **OR** kidney – in the shaded area with the overlap in the middle having both search terms; retrieves items containing either search term or both search terms



NOT Operator

(in one term or the other - will narrow a search)



pig **NOT** guinea – in the shaded area; eliminates items in 2nd term (guinea) or both terms



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Advanced Options

1. http://www.google.com/advanced_search
2. <http://scholar.google.com> (Google Scholar)
3. <http://search.yahoo.com/web/advanced>
4. <http://citeseer.ist.psu.edu/> (CiteSeer)
5. <http://www.scopus.com> (Scopus)



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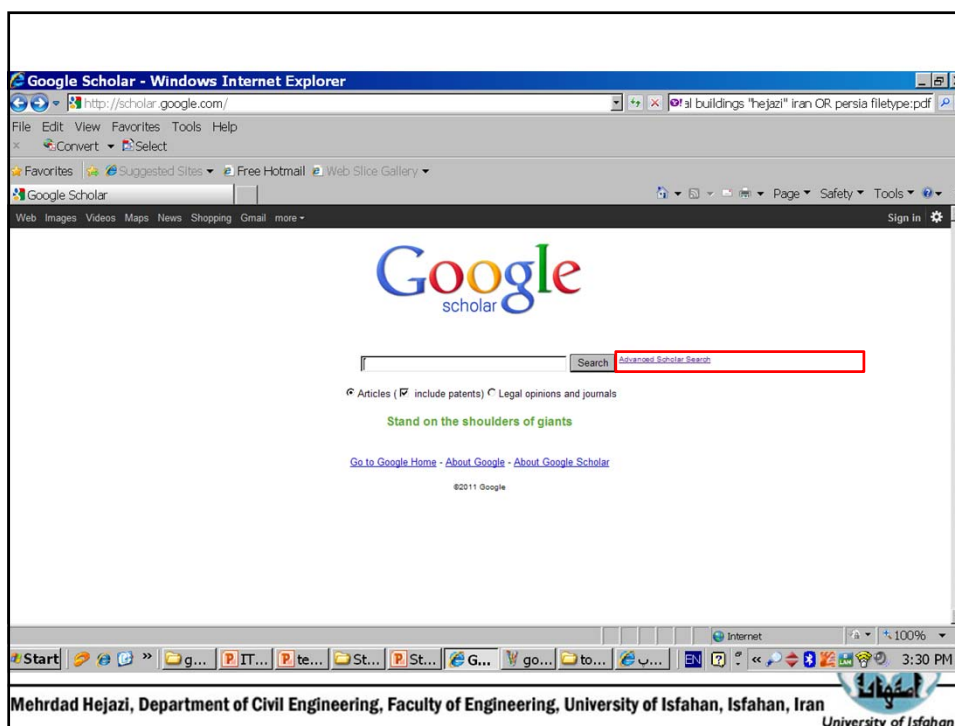
Advanced Options

2. <http://scholar.google.com>



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Google Advanced Scholar Search - Windows Internet Explorer

http://scholar.google.com/advanced_scholar_search.html?as_sdt=0,5

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e.g. "PJ Hayes" or McCarthy

Publication

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e.g. J Biol Chem or Nature

Date

Return articles published between

e.g. 1996

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☐ Business, Administration, Finance, and Economics ☐ Physics, Astronomy, and Planetary Science
☐ Chemistry and Materials Science ☐ Social Sciences, Arts, and Humanities

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Résumé / Abstract
The use of wood as a building material in Iran has a long history which dates back to the first millennium. At that time wood was used to make the roofs, beams and columns of some buildings. The extensive use of wood in the construction of large wooden buildings came

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