Tutorial #2

Program Design

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| **Instructions:** The accompanying page has 7 potential articles that might be returned if you searched for the term "factor" using a search engine. Search engines consider many things, I've listed a few factors below, but see if you can figure out at least three more things:   * Count of how often a search word appears * Stemming of search words and/or document words (*if you don't know what the term "stemming" means, look it up)*. * Whether search words are in the title / formatted / web link   So create a table like the one below and fill it in and based on your ideas.   1. Now select the top three articles based on Measures 1 and 2. You decide how to prioritise. 2. Now select the top three articles based on Measures 3 and 4. You decide how to prioritise. 3. Now select the top three articles based on Measures 5 and 6. You decide how to prioritise. 4. Now select the top three articles based on Measures 1, 2, 3, 4, 5, and 6. You decide how to prioritise. |

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| Measure | Article1 | Article2 | Article3 | Article4 | Article5 | Article6 | Article7 |
| 1. Count of search word |  |  |  |  |  |  |  |
| 2.Stemming of Words |  |  |  |  |  |  |  |
| 3.Words in title/Link |  |  |  |  |  |  |  |
| 4.Your Idea |  |  |  |  |  |  |  |
| 5.Your Idea |  |  |  |  |  |  |  |
| 6.Your Idea |  |  |  |  |  |  |  |

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| **Submission:**  In the same Word document you have with all your labs and tutorials:  PROGRAM-DESIGN-PORTFOLIO.DOCX (or .DOC or .ODT)  add in the table you have created, and the four sets of results, depending on which measures are used.  e-mail your document to Damian.Gordon@dit.ie with a subject heading of PROGRAM DESIGN TUTORIAL #2 and in the message of your e-mail please let me know your full name, your student number, the name of your programme, the programme code, the name of the module, the year you are in (first year), and your assignment. |
| **Marking:**  Please note, this tutorial is due for submission today at the end of this lab. Each of these tutorials contributes to your final result in this module, so it's best to get the earlier ones done as well as you can, because as the labs continue on they will get harder, so you might as well pick up the easy marks early on. |