**Assignment W7**

| **Problem ID** | **Name** | **Point(s)** | **Hint** |
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| UVA - [583](https://uva.onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&page=show_problem&problem=524) | Prime Factors | 1 |  |
| UVA - [543](https://uva.onlinejudge.org/index.php?option=onlinejudge&page=show_problem&problem=484) | Goldbach’s Conjecture | 2 |  |
| UVA - [10083](https://uva.onlinejudge.org/index.php?option=onlinejudge&page=show_problem&problem=1024) | Division | 2 |  |
| UVA - [369](https://uva.onlinejudge.org/index.php?option=onlinejudge&page=show_problem&problem=305) | Combinations | 2 |  |
| UVA - [991](https://uva.onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&page=show_problem&problem=932) | Safe Salutations | 2 |  |
| SPOJ - [NOVICE62](http://www.spoj.com/problems/NOVICE62/) | Match the words | 2 | Derangements problem from the lecture |
| UVA - [11310](https://uva.onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&page=show_problem&problem=2285) | Delivery Debacle | 3 |  |
| UVA - [10843](https://uva.onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&page=show_problem&problem=1784) | Anne’s Game | 3 |  |
| UVA - [11181](https://uva.onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&page=show_problem&problem=2122) | Probability|Given | 3 | Bayes’ Rule |
| SPOJ - [CMPLS](http://www.spoj.com/problems/CMPLS/) | Complete the Sequence | 3 |  |
| UVA - [10089](https://uva.onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&page=show_problem&problem=1030) | Repackaging | 4 |  |
| UVA - [718](https://uva.onlinejudge.org/index.php?option=com_onlinejudge&Itemid=8&page=show_problem&problem=659) | Skyscraper Floors | 4 |  |