Competitive Programming 3 Textbook

Notes / Attempted Questions

# Greedy Algorithms

Classical

* **UVa 11264 - Coin Collector \*** (coin change variant)
  + Accepted
* **UVa 11389 - The Bus Driver Problem \*** (load balancing)
  + Accepted
* **UVa 12405 - Scarecrow \*** (simpler interval covering problem)
  + Accepted
* UVa 12321 - Gas Station (interval covering)
  + Accepted

Involving Sorting

* **UVa 11100 - The Trip, 2007 \*** 
  + Runtime Error despite passing uDebug, might be broken for Python
* **UVa 11292 - Dragon of Loowater \*** 
  + Accepted
* **UVa 12210 - A Match Making Problem \*** 
  + Accepted
* UVa 10763 - Foreign Exchange
  + Accepted
* UVa 10026 – Shoemaker’s problem
  + Wrong answer, probably due to float comparisons
* UVa 10785 - The Mad Numerologist
  + Accepted

Non-Classical

* **UVa 10656 - Maximum Sum (II) \*** 
  + Accepted
* **UVa 10718 - Bit Mask \***
  + Wrong Answer
* **UVa 11157 - Dynamic Frog \***
  + Accepted
  + Solved by alternating usage of the small rocks
* UVa 11240 - Antimonotonicity
  + Accepted
* UVa 11900 – Boiled eggs
  + Accepted
* UVa 10340 – All in All
  + Accepted