

A³ Intermediate Problem Set 1

This track will be for students who are familiar with competitive programming and pushing to pass Bronze or learn Silver concepts. Problems will increase in difficulty, ending with a USACO problem. Problem sets will overall get more difficult to ensure growth. If you finish a problem set, ask us for our written solutions (official ones can be quite confusing at times, so we wrote our own) and move onto the next! Don't feel pressured to finish one problem set per meeting; go at your own pace. As always, feel free to reach out for help with any problems.

If you're confused about how to submit solutions on these various websites, let us know and we'll be happy to help.

Question 1: [Codeforces 25A. IQ Test](#)

Question 2: [Leetcode 121. Best Time to Buy and Sell Stock](#)

Brute force is too easy; solve in linear time.

Question 3: [USACO 2015 Bronze: Hopscotch](#)

Ignore

```
In [1]: from IPython.core.display import display, HTML
display(HTML("<style>.container { width:85% !important; }</style>"))
```