CS 70, Summer 2014 — Homework 2 Reflection

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In 1c, I approached the problem by making $n = k + 2$ by induction since there were two base cases. I then showed how the F_n was equivalent to the recursive relationship by simplifying and then grouping by powers.

In 4a, I proposed the solution to the problem to be $a = a_0 + ky$, $b = b_0 + kx$ which I showed was infact a valid solution but I didn't do a proof to derive it.

In 6b, I did a proof of cases instead of a contradiction. The cases I used were if n was prime or nonprime. I also used the lemma from 6a to simplify my proof.