

# Analysis of Algorithms - Homework 0

Put Your Name Here

March 10, 2016

**Problem 1**    *You can leave this space empty, or reiterate the question here.*

Solution goes to here. L<sup>A</sup>T<sub>E</sub>X is powerful. You can display character like  $\mathbb{Z}$ ,  $\emptyset$ ,  $\notin$ . In L<sup>A</sup>T<sub>E</sub>X it is a breeze to display equations in an elegant way. For example,

$$k_{n+1} = n^2 + k_n^2 - k_{n-1}$$

or,

$$k_{n+1} = n^2 + k_n^2 - k_{n-1}$$

**Problem 2**