# IV054 2019 Homework 2 Crypto Coder (123456) July 18, 2019

### Question 1.

This is my answer to the first question. Don't forget to fill in your personal and class information at the top!

### Question 2.

This question's number will be auto-incremented.

## Question 5.

Questions 2 and 3 were not solved, this is an answer to question 5.

### Question 6.

Use the alphaparts environment to for letters.

- (a) Part a
- (b) Part b
- (c) Part c

#### Question 7.

You can still do things like nesting lists inside of these environments.

- (a) part a
  - (i) making point number 1
  - (ii) making point number 2
  - (iii) making point number 3
- (b) part b
- (c) part c

### Question 8.

Using the description environment is a great way to typeset induction proofs!

**Base Case:** Here I have my base case.

Induction Hypothesis: Assume things to make proof work.

Induction Step: Prove all the things.

Therefore, we have proven the claim by induction on in the description environment.