# Description of Algorithms

## Brute Force

Asfdlkjsalkjvaerwvr

## Horspool

Asfsafdsafs

# Partial Correctness

## Brute Force

Asfdlkjsalkjvaerwvr

## Horspool

Asfsafdsafs

# Total Correctness

## Brute Force

Asfdlkjsalkjvaerwvr

## Horspool

Asfsafdsafs

# Comparison Definitions

## Basic Operation Definition

Multiplication vs comparison etc.

## Size of Input Definition

Size of pattern, size of text

# Theoretical Efficiency Comparison

## Brute Force Average Case Efficiency

Asfdlkjsalkjvaerwvr

## Horspool Average Case Efficiency

Asfsafdsafs

## Summary/Comparison of Efficiency

# Experiment Methodology

## Setup

* Programming language
* Computing environment
* Choice of data structures

## Explanation of Algorithm Implementations

### Brute Force

### Horspool

## Program Testing Plan / Proof

Thorough testing, explain how testing deals with input types, boundary cases, etc. discovered through formal analysis (black box, white box)

## Explain Experiment Data Choices

How we produced it (random seed etc.)

## Basic Operation Counter

Screenshot of code?

## Execution Time

Show code screenshot, explain experiment

# Experiment Results

Data / Graphs to include:

* Number of basic operation comparison
* Actual time taken comparison
* Vary different values for n and m