

## **CS 1632 Software Quality Assurance**

## **Exercise 4**

Member 1 Name:

Member 2 Name:

Team Name:

## 1. Profile before optimization

Insert hotspot-before.png here *before* performing refactoring and optimization.

## 2. Profile after optimization

Insert hotspot-after.png here *after* performing refactoring and optimization. If you have done a good job refactoring, the four methods that you optimized should have drastically reduced runtimes.