

Name:

In Class work for Lecture 4/5/2017

Objective: Learn about cache size. Empirically determine cache size.

1. Write a program to experimentally determine the L1 cache size. Some helpful snippets
 - 1.1. To measure the duration of some code from within the program
 - 1.2. What is the L1 cache size?

```
#include <time.h>

clock_t begin = clock();

//Do your work

clock_t end = clock();
double duration = (double)(end-begin) / CLOCKS_PER_SEC;
```

2. Write a program to experimentally determine the L2 cache size
 - 2.1. What is the L2 cache size?