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CS 141: Computing Hardware

Lab 5 : Caches

Testing Methodology

The cache implementations were tested by running all the tests supplied with the PA. All tests passed successfully.

**Memory Errors**

All segmentation faults were handled by ensuring that memory blocks are not NULL before invoking mb\_free() on them. All tests supplied with the PA were then run to ensure that the cache was functioning properly.

**Leak Errors**

Dr Memory was used to ensure that memory leaks did not occur.

**Expandability with Macros**

No values were hardcoded. All functions referenced the provided functions when needed.