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ECE 411 MP3, Checkpoint 4

**Roadmap:**

For the final week we have with the MP, we will focus on implementing one more advanced feature to go with our victim cache and hardware prefetching. This will most likely be a more advanced version of branch prediction. We will also focus on optimizations to shorten our critical path (and therefore increase Fmax), which will hopefully improve our standing in the competition. This will involve a lot of parameter modification (e.g. of the number of sets/ways of our caches) and testing with the final competition code to verify that our modifications ended up decreasing execution time. Finally, we will work together to write a strong, cohesive report on the features and optimizations we included in our processor.