

CS211 PA4 Readme

In this assignment, I used a 2d array which can store a pointer of a char array. It's like `char* sample [][]`. I malloc in each entry of this 2d array to store all the characters in the tag. Through comparing tags, I can figure out if it is a cache hit or cache miss.

In my observation, typeA has a higher hit rate than typeB. Because I think in type B, most set index bits are 0. It means that block would store in one set many times.

However, the number of lines in a set is limited. That's means when each address is input. There are only #lines possible to get a cache hit. That's why the hit rate would be lower.