

Branch Predictor

Accuracy for various codes and methods are as follows

1. Sqrt_test_Lab:
 - Always Taken: 41.302
 - Always not taken: 58.6798
 - 1 bit predictor : 84.4579
 - 2 bit predictor: 86.3145
2. Recursion_test_lab
 - Always taken: 41.320
 - Not taken: 54.0179
 - 1 bit: 92.5488
 - 2 bit:93.47
3. Fac_test_Lab
 - Always taken: 45.9821
 - Not taken: 54.0179
 - 1 bit:92.5488
 - 2 bit:93.57
4. Qsort_test_Lab
 - Always taken : 45.98
 - Not taken:54.0179
 - 1 bit:92.5488
 - 2 bit:93.57
5. Wikisort_test_Lab
 - Always taken: 44.71
 - Not taken: 54.12
 - 1 bit: 93.43
 - 2 bit: 94.66
6. Bubble_sort_lab
 - Always taken: 45.56
 - Not taken: 57.34
 - 1 bit: 92.43

- 2 bit: 93.67

Due to limited memory size we can not completely check over million lines and hence the accuracy are nearby close.

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