read me

Develop Environment

- Visual Studio Code
- Version: 1.44.0

  Date: 2020-04-07T23:31:18.860Z

  OS: Windows_NT x64 10.0.18362

Compiler

- gcc (x86_64-posix-sjlj-rev0, Built by MinGW-W64 project) 8.1.0

File Arrangement

- code
  - SkipList.h

    head file of implementation of insertion, deletion, and searching of skip lists
  - test.cpp

    performance and run time testing program
  - test.exe

    executive file of test.exe
  - test_set.in

    testing set generated by test_generating.php and input file of test.cpp
  - test_result.out

    testing result output by test.cpp
  - test_generating.php

    testing set generating script to generate test cases
- document
  - report.pdf
  - readme.pdf

For test

- The source code files and the executable file are in the folder named `code`.

- First open the file `test.c`, then compile and execute the program. If it can't be compiled or executed properly due to your develop environment, please open the executable program named `test.exe` to test the program.

- If you are using Visual Studio, you may need to build a solution or something.

- If there are any further problems, please refer to `report.pdf` in the folder `document`.

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