

Programming Assignment 1

Due by 2023년 9월 27일 저녁 9시

1. For an introduction of the address book program, see `address-book.pdf` in the public directory.
2. Complete functions `search_index()` and `delete()` in the file `backend1.c`. Don't change any other files.
3. Duplicate names are allowed. The function `delete(name)` deletes the first record that matches `name`.
4. Make sure to carefully study the testcases `test1.in` and the corresponding output `ch_test1.out`.
5. Submit `backend1.c`. (7분반: "submit dsta hw1a", 8분반: "submit dsta hw1b")
6. Included in the distributed zip file is `Makefile`. If you type "make addr1", then your terminal will respond with

```
gcc -c backend1.c
gcc -o addr1 addr1.c backend1.o
```

which compile your program. If you type "make test", then your terminal will respond with

```
./addr1 < test1.in > test1.out
diff ch_test1.out test1.out
```

and some possible additional output of `diff`, which shows the difference between the outputs of your program (`addr1`) and the program `addr1_demo`, for an input `test1.in`.

Try to understand how `make` works, as the class progress. `Make` is one of the essential tools of the UNIX programming environment.