

Lab1 * Binary Search (recursive 버전으로 구현할것)

- Algorithm: 강의노트 참조

- Condition:

1) Get input data from data file

input data: 90, 60, 80, 100, 10, 40, 30, 70, 20, 50

2) “Selection Sort”를 수행하여 정렬된 data list 저장

3) Binary Search(recursive version)를 수행

- search number: keyboard 에서 입력 받음
- Output: return it's position if found,
else return message “NOT Found”

ex) 실행 예

1. Data list: : 90, 60, 80, 100, 10, 40, 30, 70, 20, 50

2. Sorted list: 10 20 30 40 50 60 70 80 90

3. Enter number: 10

Found in position 1

Enter number: 25

NOT found