- 1. 3 Output **screenshots** has attached for your convenient proof reading.
- 2. Command.h and Command.cpp has meet all requirement from .PDF, the main fuction i'm using is parse, parseAddress, and validate.

The **parse** will divide String(p1,2) to symbol(p) and address range(1,2).

parseAddress will divide range(1,2) to address1(1) and address2(2). **validate** was created for checking invalid address such as: 1\$,\$-,&%^.

3. All LineEd functions are coded from A2.PDF requirement.

Two additional functions has been created: a) **strToInt** and b) **savefile strToInt** is for convert **Command.h** output string type to int type, it will handle some special cases such as <0 range and \$,and. . **savefile** is created for handle output file.

- 4. No new or delete has been used. The idea is using buffer&clipboard to operate memory.
- 5. The string filename {"abc.txt"}; has been difined for testLineEd.