EXPERIMENT 15

AIM

Implement the back end of the compiler which takes the three address code and produces the 8086 assembly language instructions that can be assembled and run using an 8086 assembler. The target assembly instructions can be simple move, add, sub, jump etc.

ALGORITHM

- 1. Start
- 2. Open the source file and store the contents as quadruples.
- 3. Check for operators, in quadruples, if it is an arithmetic operator generator it or if assignment operator generates it, else perform unary minus on register C.
- 4. Write the generated code to output definition of the file.
- 5. Print the output.
- 6. Stop

OUTPUT

gcc 11anaghasethu-p15.c

./a.out

