Step 1: START

( 1.0. tt ) ( 1.0. tt )

Step 2: include necessary header files

step 8: Define structure ope ford, source result and mes. Define structure elements.

mnenmonic, code, den, address,

ilabel operand along with structure

variables ness, op, s; apcode

Sup u: initialize and declare recessary variables.

shp s: Declare ble pointers.

sup 6: open intermediate coptat and sympation rend only mode.

Sup 7. Pupeut. Mi following tul intermediake like end is reached.

sup7.1- Read. he dubel, address and operands.

sup 1.2 - Set the position to 0. Also set Juli position of Syntat Mile

Sup 7.3 - Assign Jourd = 0

sup 7. n. - Do me following will optat ful end is realled.

grif fri. I read ne oprode and

shy 7. h. 2 - 14 magumonic and instructions are same opcode address to the result.

Sup 7. h. 2.2 - lopy the operate it to output the set

Sup 7. h. 7.3 - Goo to Step 71.

Ship 7.5 - if variable found is 0, looking the process.

Step. 7.6 - Repeat the Johnsony tell Sympat.

Step. 7.6.1 - Read me symbat contenti.

step 7.6.2 - ny operand and painted by mer symtat variable are same.

sup. 7.6.2.1- write megane to output me and go to slep 7.6.

Step 7.6.3 M \* # 19 encontored.

Sup. 7.1.3.1-wite 0000

Slep 7. b. h. if It is encontered

Step 7-6.41 - copy he operand

value to \$1 and.

decrement strum by T.

sup 7-6.4.2 - print 10'in 7944t

hull variable i.

decrements from 4.

Sup 7.6.4.3 -Set ) as 1.

Siej J to output the
· hulje 1

Sup 7.6. h. s- Coo W shep 7.

Sups - Visplay-completion nessage and chose all the likes

Sup 9-510P-

## **Program**

## <u>Input</u>

## **Output**

