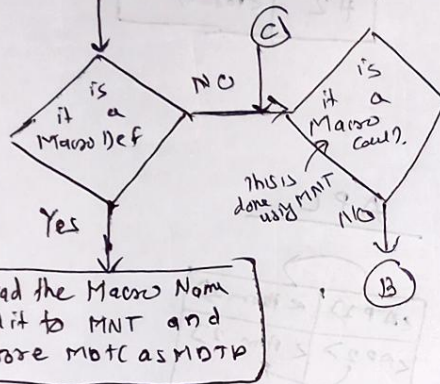
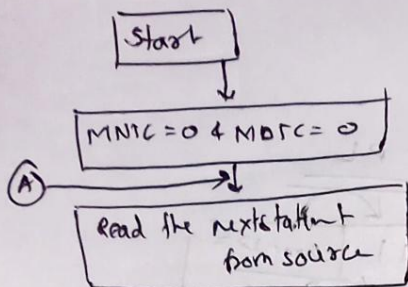


# # Single Pass Macro-preprocessor with → keyword parameter → Conditional macro



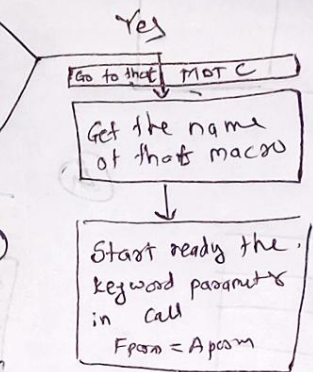
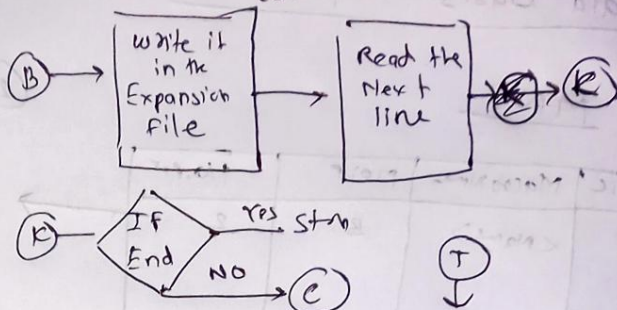
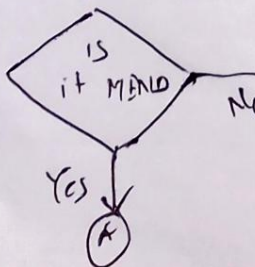
Start reading the parameters and store it in a map such that parameter maps to a number, starting from 0 (Create FPL)

Read next statement

If formal parameter is found substitute with its mapped index

MDTC = MDTC + 1

Store in MDT



Find the number in the macro definition which present a particular param by using

int ind = FPL [Macro name] [Fparam]

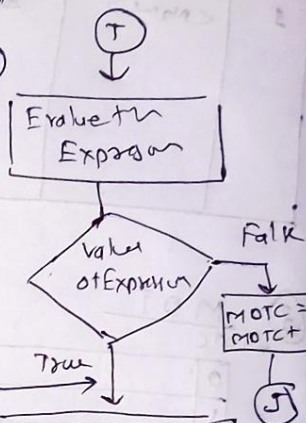
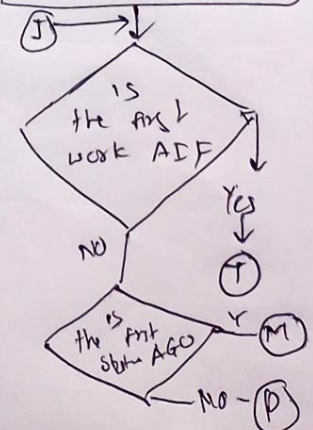
Create a map for the APL

APL [ind] = Aparam

once complete APL for this call is created start reading next line.

~~MDTC = MDTC + 1~~

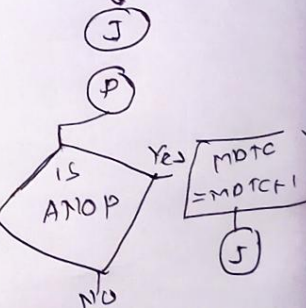
MDTC = MDTC + 1



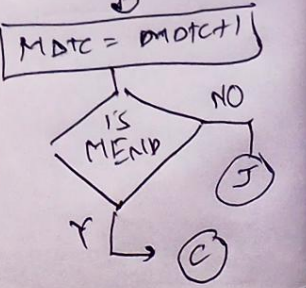
Get the <Sequence symbol>

In the MDT Go to the line that has <sequence symbol> but let it be "MDTC with symbol"

MDTC = MDTC with symbol



If statement has any parameter replace them with the help of FPL



# Data Bases Required

## ① MNT

MNTC	Macro Name	MNTF	No. of
1	<Name>	3	2

②

## FPL

#1	<Param 1> =
#2	<Param 2> =

## ③ MDT

0	
1	
2	
3	<Name> #1 #2

④

## APL

<AP 1>	<Param 1>
<AP 2>	<Param 2>