NO

YES

Macro pseudo opcode??

End of Pass 1

YES

NO

Write into Intermediate file, the copy of source line

END? Pseudo opcode

YES

NO

Start

MEND?

MDTP=MDTP+1

Enter Line in MDT

Substitute INDEX notation #, for argument

Read next Source Line

MDTP=MDTP+1

Prepare ALA

Enter Macro name Line in MDT

MNTP=MNTP+1

Enter Macro Name and Current Value of MDTP in MNT

Read next Source Line

MDTP=0

MNTP=0