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| **Roll No.** :3545 **Date of Performance: -** |
| **Title :Macro pass-I Date of Checking: -** |

.c File-

#include<stdio.h>

#include<string.h>

void main()

{

FILE \*fp1,\*fp2,\*fp3;

char str[10],ch;

fp1=fopen("//home//pict//Desktop//SPOSMOC//macro.asm","r");

fp2=fopen("//home//pict//Desktop//SPOSMOC//MNT.txt","w");

fp3=fopen("//home//pict//Desktop//SPOSMOC//MDT.txt","w");

printf("starting program\n");

while(!feof(fp1)) //read till EOF pointed by fp1

{

//MNT

fscanf(fp1,"%s",str);

if(strcmp(str,"MACRO")==0)

{

fscanf(fp1,"%s",str);

fprintf(fp2,"%s",str);

}

//MDT

fscanf(fp1,"%s",str);

while(strcmp(str,"MEND")!=0)

{

fprintf(fp3,"%s",str);

ch=fgetc(fp1);

fputc(ch,fp3);

fscanf(fp1,"%s",str);

}

}

}

.asm File-

MACRO

ADDITION4

INC AREG

INC AREG

INC AREG

MEND

MDT.txt File

INC AREG

INC AREG

INC AREG

MNT.txt

ADDITION4

OUTPUT-

