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/********************
Name : Shubham S. Tembhurkar
PRN : 1641060
Class: L.Y.B.TECH.
Batch: B1
Sub : CCL
Aim : Write a C program to identify whether a given line is comment
or not.
*************************
#include<stdio.h>
                         //header file
void main()
                         //main function
     char source file[30],ch,ch1,ch2,ch3,ch4;
     int i=0, j=0;
     FILE *source;
                         //file pointer
     printf("\nEnter the File Name:");
     scanf("%s", source file);
     source=fopen(source file, "r");
     if(source==NULL)
          printf("File does not exists");
     }
     /*
          While Loop
     */
     while((ch=getc(source))!=EOF)
          if(ch=='/')
               ch1=getc(source);
               if(ch1=='/' || ch1=='*')
                    if(ch1=='/')
                              i++;
                              printf("\nSingle Line Comment :
%d",i);
                              printf("\n%c%c", ch, ch1);
                              while((ch2=getc(source))!='\n')
                              {
                                        printf("%c",ch2);
                              printf("\n");
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}
                      else
                           j++;
                                 printf("\nMultiline comment : %d",j);
                                 printf("\n%c%c",ch,ch1);
                                 while((ch3=getc(source))!='*')
                                            printf("%c",ch3);
                                 printf("%c",ch3);
                                 if((ch4=getc(source)) == '/')
                                      printf("%c\n",ch4);
                      }
                        }
     }
           End Of While Loop
     */
/**********************************
Enter the File Name:asm.c
Multiline comment : 1
/* NAME : Deepali Paymode
   PRN: 1741042
Single Line comment: 1
//adding two numbers
**********************************
INPUT FILE:
/* Name : Shubham S. Tembhurkar
   PRN: 1641060
#include<stdio.h>
#include<stdlib.h>
int main()
     int a , b , c , ch ;
printf ( " \n Enter the two numbers " ) ;
     scanf( " %d%d " , & a , & b ) ;
     printf ( " \nMENU\n1.ADD\n2.Sub\n3.MUL " ) ;
     scanf ( " %d " , & ch ) ;
     c = a + b;
//adding two numbers
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if ( ch == 0 )
{
          printf ( " Goodbye " ) ;
}
```