```c
/*** Program to Print a File and Count Number of Characters ***/

#include<stdio.h>
#include<windows.h>

main()
{
        FILE *fp;
   char c;
   int noc=0, nol=0, nob=0;

   fp = fopen("FileDisplay.C","r");

     if (fp == NULL)
   {
     printf("File can't be opened");
     return;
   }

   while ((c = fgetc(fp)) != EOF)
   {
     putchar(c);
     noc++;

         switch (c)
     {
       case '\t':
       case ' ':
         nob++;
         break;
       case '\n':
         nol++;
     }
         sleep(20);
   }
```

```
     fclose(fp);

     printf("\n\n\nNo. of characters = %d",noc);
  printf("\n\nNo. of lines = %d",nol);
  printf("\n\nNo. of white spaces = %d",nob);
  getch();
}
```