

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

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