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#include<stdio.h>

int main()
{
    FILE *fp;
    char cCh;

    int iNoOfChars = 0;
    int iNoOfSpaces = 0;
    int iNoOfTabs = 0;
    int iNoOfLines = 0;

    fp = fopen("chars_spaces_tabs_newlines_count.txt", "r");

    if(NULL == fp)
    {
        printf("Cant Open The File");
        return -1;
    }

    while(1)
    {
        cCh = fgetc(fp);
        if(cCh == EOF)
            break;

        iNoOfChars++;

        if(cCh == ' ')
            iNoOfSpaces++;

        if(cCh == '\t')
            iNoOfTabs++;

        if(cCh == '\n')
            iNoOfLines++;
    }

    fclose(fp);

    printf("\nNo of characters are %d\n", iNoOfChars);
    printf("No of spaces are %d\n", iNoOfSpaces);
    printf("No of tabs are %d\n", iNoOfTabs);
    printf("No of lines are %d\n", iNoOfLines);

    return 0;
}

```