

Assignment 3

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20011701

```
#include <stdio.h>
#define N 5000
int main(void)
{
    FILE *fp;
    char text[N];
    /***** degisken tanimlari *****/
    int i=0,j=0,wordCount=0;

    /***** degisken tanimlari sonu *****/
    // Dosyayi açma
    if ((fp = fopen ("soru.txt", "r")) == NULL) {
        printf("Dosya açma hatası!");
        return 1;
    }
    // Dosyadan okuma
    fgets(text, N-1, fp);
    //printf("%s\n", text);

    /*
    * text karakter dizisi degiskeninde dosyadan okunan metin yer almaktadır.
    * toplam kelime sayisinin hesabi ve bosluk temizleme islemleri -TERCIHEN-
    * bu dizi üzerinde yapılmalıdır. Harici dizi kullanimi önerilmemektedir.
    */
    /***** kod blogu *****/

    //while loop ile metnin sonuna kadar
    while(text[i] != '\0'){
        //bosluk olmadigi surece siradaki karakter i indisinden j indisine atar
        if(text[i] != ' '){
            text[j] = text[i];
            i++;
            j++;
        }else{
            // eger bosluk varsa kelime sayisini bir artirir
            wordCount++;
        }
    }
}
```

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        text[j]= text[i];//bir bosluk da j indisine atanir
        while(text[i] == ' '){
            //sonraki tum bosluklar gecilir
                i++;
        }
        j++;
    }

}

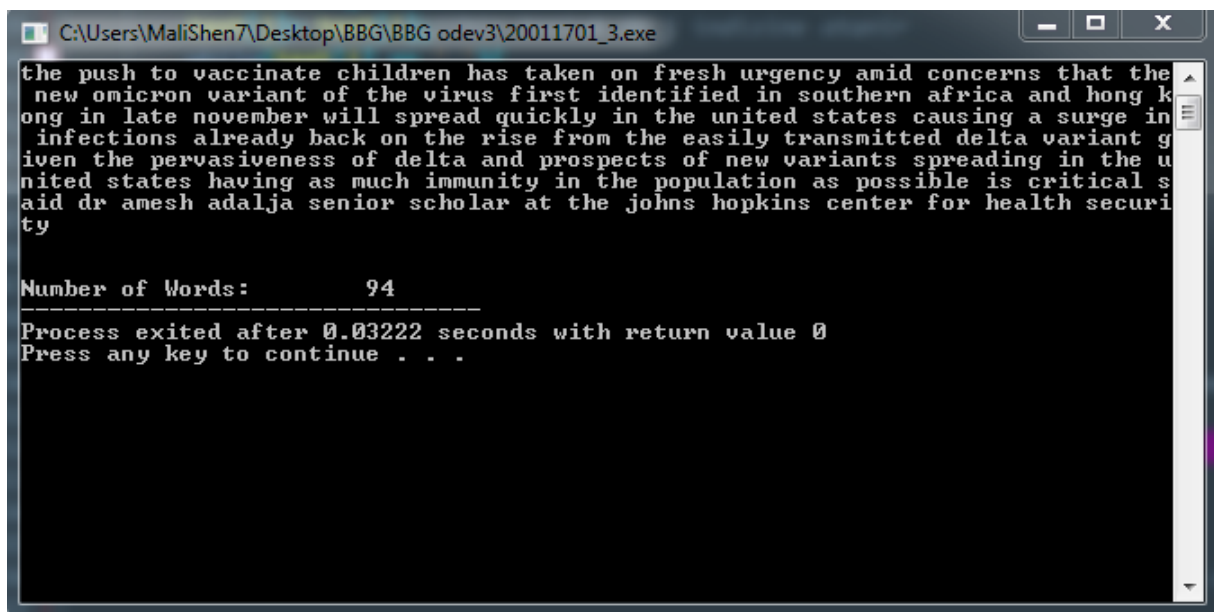
//aradaki bosluklar silindigi icin metin kisalmistir.
//bu nedenle yeni metnin sonunda yer alan eski metinden kalan karakterler silinmelidir.
for(j;j<i;j++){
    text[j] = '\0';
}

printf("%s\n", text);
//wordCount sayisi kelime sonrasi bosluk sayisina gore arttigi icin son kelime sonrasi bolsuk
bulunmaması durumunda 1 artırilarak sonuca varilir

printf("\nNumber of Words:\t%d",wordCount);

/***** kod blogu sonu *****/
// Dosyayi kapama
fclose(fp);
return 0;
}

```

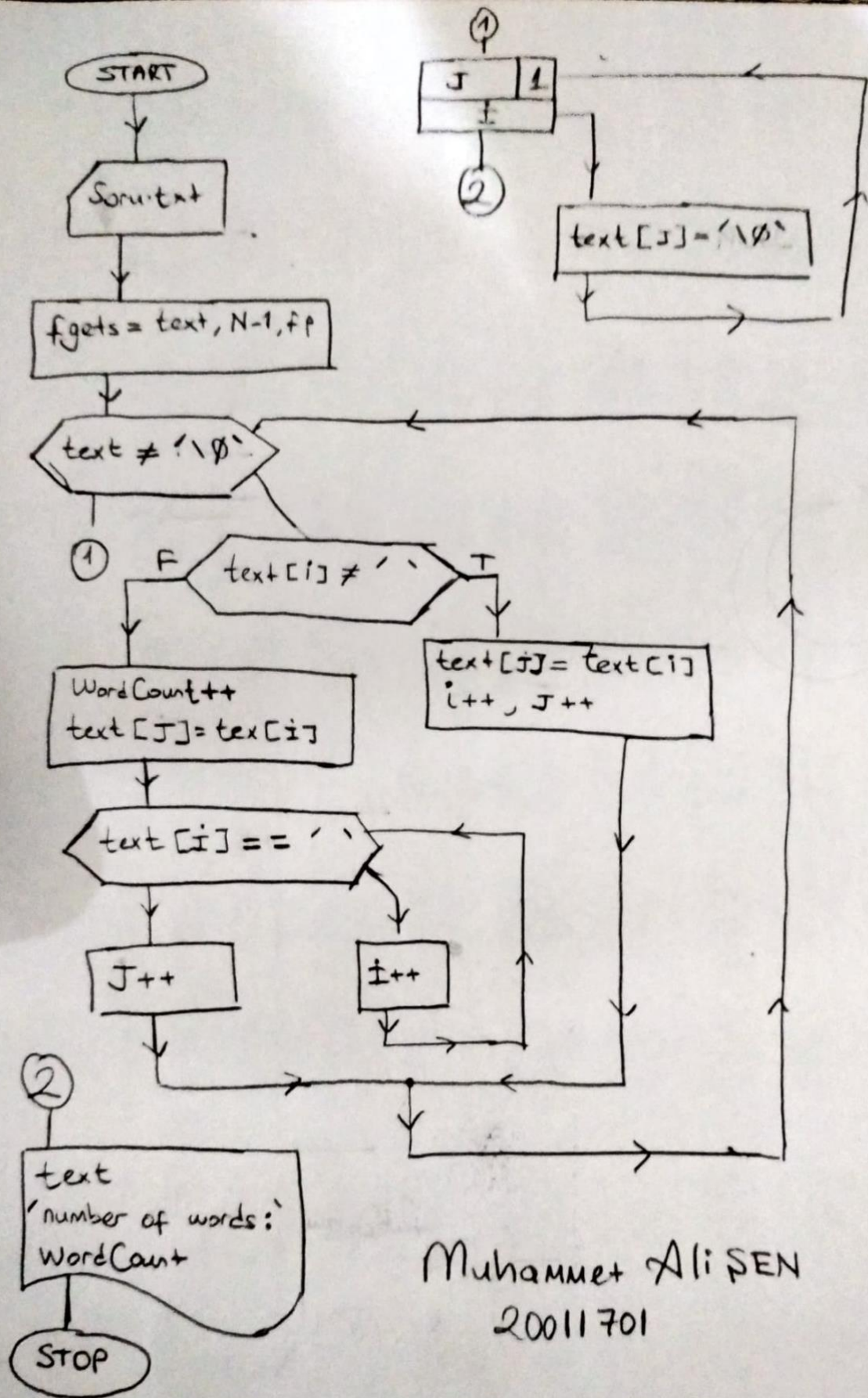


```

C:\Users\MaliShen7\Desktop\BBG\BBG odev3\20011701_3.exe
the push to vaccinate children has taken on fresh urgency amid concerns that the
new omicron variant of the virus first identified in southern africa and hong k
ong in late november will spread quickly in the united states causing a surge in
infections already back on the rise from the easily transmitted delta variant g
iven the pervasiveness of delta and prospects of new variants spreading in the u
nited states having as much immunity in the population as possible is critical s
aid dr amesh adalja senior scholar at the johns hopkins center for health securi
ty

Number of Words:          94
-----
Process exited after 0.03222 seconds with return value 0
Press any key to continue . . .

```



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