#include<stdio.h>

#include<conio.h>

#include<string.h>

void tekst();

void space();

void otno6enie();

char str[10000];

FILE \*filein;

main()

{

char ch;

short int m=0;

do

{

printf ("\n1. Vuvejdane na tekst za obrabotka\n");

printf ("2. Namirane borq na intervalite\n");

printf ("3. Namirane na otno6enieto broi cifri v red kum ob6t broi cifri\n");

printf ("4. Quit \n");

printf ("Make your choise: ");

ch=getche();

switch(ch)

{

case '1':

tekst();

m=1;

break;

case '2':

if(m==1)

{

space();

break;

}

else

{

printf("\n\nZapo4nete s opciq 1!!\n");

break;

}

case '3':

if(m==1)

{

otno6enie();

break;

}

else

{

printf("\n\nZapo4nete s opciq 1!!\n");

break;

}

}

if ((ch!='1')&&(ch!='2')&&(ch!='3')&&(ch!='4'))

{

printf("\n\nWrong option.Try again!\n\n");

}

}while(ch!='4');

}

void tekst()

{

char fileinn[1000];

int i,br,s,r=0;

char ch;

printf("\nIzberete ime na faila v koito 6te zapi6ete programata: ");

scanf("%s",&fileinn);

filein=fopen(fileinn,"a+");

printf("\nKolko simvola 6te e va6ata programa(max 10000) ");

scanf("%d",&br);

printf("Vuvedete tekst ot %d simvola \n",br);

fflush(stdin);

for(i=0,s=0;s<br;i++,s++)

{

str[i]=getche();

if(str[i]=='\r'||s==(br-1))

{

if(str[i]=='\r')

{

str[i]='\n';

printf("\n");

}

fprintf(filein,str);

for(;i>=0;i--)

{

str[i]=NULL;

}

}

}

printf("\n");

system("pause");

printf("\nIskate li da izvedete teksta na ekrana? (y/n) ");

fflush(stdin);

ch=getche();

if(ch=='y'||ch=='Y')

{

rewind(filein);

printf("\n");

while((ch=fgetc(filein))!=EOF)

{

printf("%c",ch);

}

}

}

void otno6enie()

{

char ch;

int red=0,cifrit=0,cifrir=0,i;

rewind(filein);

while((ch=fgetc(filein))!=EOF)

{

if(ch=='\n')

{

red++;

}

}

red++;

rewind(filein);

while((ch=fgetc(filein))!=EOF)

{

if((ch>='0')&&(ch<='9'))

{

cifrit++;

}

}

rewind(filein);

for(i=0;i<red;i++)

{

while((ch=fgetc(filein))!='\n')

{

if((ch>='0')&&(ch<='9'))

{

cifrir++;

}

if(ch==EOF)

{

break;

}

}

printf("\n\nV red N%d otno6enieto broi cifri v red kum ob6t broi cifri e %d/%d\n\n",i+1,cifrir,cifrit);

cifrir=0;

}

}

void space()

{

int space=0;

char ch;

rewind(filein);

while((ch=fgetc(filein))!=EOF)

{

if(ch==' ')

{

space++;

}

}

printf("\nBroq na intervalite e %d\n",space);

}