**Завдання 14.1** (№13)

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

int main(int argc, char \*argv[])

{

char S1[20];

char S2[20];

int i, j;

printf("Enter the line: ");

gets(S1);

j=0;

for(i = 0; i<strlen(S1); i++)

if(S1[i] != ' ') {

S2[j++] = S1[i]; }

int k=0;

printf("\nConverted line:");

for(i =0; i<strlen(S2)-1; i++) {

if (S2[i] == 'a'||S2[i] == 'e'||S2[i] == 'i'||S2[i] == 'o'||S2[i] == 'u')

{ printf("%c%c",S2[i],S2[i]); }

else printf("%c",S2[i]);

} return 0; }

**Завдання 14 .2**(№13)

**a)**

#include <string.h>

#include <stdio.h>

int main (void)

{

FILE \*in;

FILE \*out;

int k=0, j,i;

char s[100] ;

in = fopen ("in.txt","r");

out = fopen ("5.txt","w");

while(1){

if(NULL!= fgets(s,100,in)){ fprintf(out,"\n");for(i=0;i<strlen(s);i++)

{ if(s[i]!=' '){k++;}else{k=0;}

if((s[i]=='a')||(s[i]=='c')||(s[i]=='d')||(s[i]=='i')||(s[i]=='e')){fprintf(out," ");

for (j=i-k+1;j<strlen(s);j++) {if(s[j]!=' '){fprintf(out,"%c",s[j]);}else{i=j;j=strlen(s);}

}

}

}

} else{break;}}

printf ("Already compiled \n");

return 0;}

**б)**

#include <string.h>

#include <stdio.h>

int main (void)

{

FILE \*in;

FILE \*out;

int k=0, j,i;

char s[256] ;

in = fopen ("in.txt","r");

out = fopen ("6.txt","w");

while(1){

if(NULL!= fgets(s,100,in)){ fprintf(out,"\n");for(i=0;i<strlen(s);i++)

{ if(s[i]!=' '){k++;}else{k=0;}

if((s[i]=='1')||(s[i]=='2')||(s[i]=='3')||(s[i]=='4')||(s[i]=='6')||(s[i]=='7')||

(s[i]=='8')||(s[i]=='9')||(s[i]=='<')|| (s[i]=='=')||(s[i]=='>')){fprintf(out," ");

for (j=i-k+1;j<strlen(s);j++) {if(s[j]!=' '){fprintf(out,"%c",s[j]);}else{i=j;j=strlen(s);}

}

}

}

}

else{break;}}

printf ("Already compiled \n");

return 0;}