Լեզվի վիճակագրություն

#define SIZE 100000

#include<fstream>

#include<cstring>

#include<cctype>

using namespace std;

int main()

{

ifstream fin("input.txt");

ofstream fout("output.txt");

int counter[26];

double tokos[SIZE];

int i, k, j;

char l, text[SIZE];

fin.getline(text, SIZE);

for (i = 0, k = 97; i < 26, k <= 122; i++, k++)

{

counter[i] = 0;

for (j = 0; j < strlen(text); j++)

{

if ((tolower(text[j])) == k)

counter[i]++;

}

}

for (i = 0, l = 'a'; i < 26, l<'z'; i++, l++)

{

if (counter[i] != 0)

fout << l << "-i qanak@=" << counter[i] << endl;

tokos[i] = ((double)counter[i] / strlen(text)) \* 100;

fout << "tokos[" << l << "]=" << tokos[i] << "%\n" << endl;

}

system("pause");

return 0;

}

Վիժիներ

#define SIZE 1000  
#include<iostream>  
#include<cctype>  
using namespace std;  
int main()  
{  
int i, j, k = 0;  
int textlength;  
char text[SIZE];  
char key[SIZE];

cout << "nermucel text: ";  
cin.getline(text, SIZE);

cout << "nermucel banalin: ";  
cin.getline(key, SIZE);

for (i = 0; i < strlen(text); i++)  
{  
if (text[i] == ' ')  
k++;

}  
textlength = strlen(text) - k;

char \*newtext = new char[textlength];

for (i = 0, j = 0; i < strlen(text), j<textlength; i++)  
{  
if (isalnum(text[i]))  
{  
newtext[j] = text[i];  
j++;  
}  
}

char \*newkey = new char[textlength];  
for (i = 0, j = 0; i <textlength; ++i, ++j)  
{  
if (j == strlen(key))  
j = 0;

newkey[i] = key[j];  
}

char \*GaxtnagrvacText = new char[textlength];

cout << "Gaxtnagrvac Text: ";  
for (i = 0; i < textlength; i++)  
{  
GaxtnagrvacText[i] = ((newtext[i] + newkey[i]) % 26) + 'A';  
cout << GaxtnagrvacText[i];  
}

cout << endl;  
return 0;

}

Վերադասավորման գաղտնագիր

#include<iostream>

#include<cstring>

#include<cctype>

#define n 100

using namespace std;

int main()

{

char array[n];

int i, j, k = 0, p, key;

cin.getline(array, n);

cout << "key:";

cin >> key;

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

{

if (!isalnum(array[i]))

{

k++;

}

}

char \*newarray = new char[strlen(array) - k];

for (j = 0, i = 0; i<strlen(array); i++)

{

if (isalnum(toupper(array[i])))

{

newarray[j] = toupper(array[i]);

j++;

}

}

for (j = 0; j<(strlen(array) - k); j++)

cout << newarray[j];

cout << endl;

int p1 = 0, c;

if ((strlen(array) - k) % key == 0)

c = (strlen(array) - k) / key - 1;

else

c = (strlen(array) - k) / key;

char \*\*p2DArray;

p2DArray = new char\*[c];

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

p2DArray[i] = new char[c];

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

{

for (j = 0; j < key; j++)

{

p2DArray[i][j] = newarray[p1];

p1++;

if (newarray[p1 - 1] <key)

p2DArray[i][j] = 'Z';

cout << p2DArray[i][j] << "\t";

}cout << endl;

}

cout << endl;

cout << "tox-syun poxac " << endl;

char \*\*NewP2DArray;

NewP2DArray = new char\*[key];

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

NewP2DArray[i] = new char[key];

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

{

for (j = 0; j <=c; j++)

{

NewP2DArray[i][j] = p2DArray[j][i];

cout << NewP2DArray[i][j] << "\t";

}cout << endl;

}

cout << endl;

int i1;

char \*gaxtnagrvac = new char[p1];

{

for (i = 0,i1=0; i < key; i++)

{

for (j = 0; j <= c; j++)

{

gaxtnagrvac[i1] = NewP2DArray[i][j];

i1++;

if (gaxtnagrvac[i1] == 'Z')continue;

}

}

}

for (i1 = 0; i1 < p1; i1++)

cout << gaxtnagrvac[i1];

cout << endl;

return 0;

}

Պարզ փոխարինում

#include<iostream>

#include<cstring>

#include<cctype>

#define n 100

#define SIZE 26

using namespace std;

//////////////////Parz Poxarinman gaxtnagir//////////////////////////////

int main()

{

char array[n];

char aybuben[SIZE] = { 'A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','X','Y','Z' };

char abc[27] = "ABCDEFGHIJKLMNOPQRSTUVWXYZ";

int i, j, k = 0, p, d;

cout << "Please Enter the text, to be encrypted\n";

cin.getline(array, n);

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

{

char c = toupper(array[i]);

for (j = i + 1; j < n; j++)

{

if (c == toupper(array[j]))

array[j] = ' ';

}

}

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

{

if (!isalnum(array[i]))

{

k++;

}

}

char \*newarray = new char[strlen(array) - k];

for (j = 0, i = 0; i<strlen(array); i++)

{

if (isalnum(toupper(array[i])))

{

newarray[j] = toupper(array[i]);

j++;

}

}

for (j = 0; j<strlen(array) - k; j++)

cout << newarray[j];

cout << endl;

for (p = 0; p < SIZE; p++)

{

for (j = 0; j < (strlen(array) - k); j++)

{

if (aybuben[p] == newarray[j])

aybuben[p] = ' ';

}

}

char \*remKeyAlf = new char[SIZE - (strlen(array) - k)];

{

for (p = 0, d = 0; p <SIZE; p++)

{

if (isspace(aybuben[p]))

{

continue;

}

else

{

remKeyAlf[d] = aybuben[p];

d++;

}

}

}

for (d = 0; d < SIZE - (strlen(array) - k); d++)

cout << remKeyAlf[d];

cout << endl;

int K;

char \*miavorel = new char[SIZE];

{

for (j = 0, K = 0; j < strlen(array) - k; j++)

{

miavorel[K] = newarray[j];

K++;

}

}

for (d = 0; d < SIZE - (strlen(array) - k); d++)

{

{

miavorel[K] = remKeyAlf[d];

K++;

}

}

for (K = 0; K < SIZE; K++)

cout << miavorel[K];

cout << endl;

int f;

for (f = 0; f<27; f++)

cout << abc[f];

cout << endl;

char gaxtnagrvox[n];

cin.getline(gaxtnagrvox, n);

int m1, k1, d1;

int q = 0;

for (m1 = 0; m1 < strlen(gaxtnagrvox); m1++)

if (!isalnum(gaxtnagrvox[m1]))

{

q++;

}

int Q;

Q = ((strlen(gaxtnagrvox)) - q);

char \*gaxtnagrvox1 = new char[Q];

for (m1 = 0, d1 = 0; m1 < Q; m1++)

if ((isalnum(gaxtnagrvox[m1])))

{

gaxtnagrvox1[d1] = toupper(gaxtnagrvox[m1]);

d1++;

}

for (d1 = 0; d1 <Q; d1++)

cout << gaxtnagrvox1[d1];

cout << endl;

char \*gaxtni = new char[strlen(gaxtnagrvox)];

k1 = 0;

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

for (f = 0; f <27; f++)

if (gaxtnagrvox1[i] == abc[f])

{

gaxtni[k1] = miavorel[f];

k1++;

}

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

cout << gaxtni[i];

cout << endl;

delete[] newarray;

delete[] remKeyAlf;

system("pause");

return 0;

}

Կեսարի գաղտնագիր

#include<iostream>

#include<cstring>

using namespace std;

int main()

{

int i;

char text[SIZE];

cout << "inch vor text: ";

cin.getline(text, SIZE);

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

{

if (text[i] == 'x' || text[i] == 'X')

{

text[i] = 'a';

text[i] = 'A';

}

else if (text[i] == 'y' || text[i] == 'Y')

{

text[i] = 'b';

text[i] = 'B';

}

else if (text[i] == 'z' || text[i] == 'Z')

{

text[i] = 'c';

text[i] = 'C';

}

else if(text[i]==' ')

{

}

else

text[i] += 3;

}

cout << "kodavorum@:" << text << endl;

system("pause");

return 0;

}

Փլեյֆեյրը մինչև վերջ գրած չի հնարավորա մի մասը ճիշտ չլինի

#include<iostream>

#include<cstring>

#include<cctype>

#define n 100

using namespace std;

int main()

{

// ifstream fin("input.txt");

// ofstream fout("output.txt");

char array[n];

char aybuben[26] = { 'A','B','C','D','E','F','G','H','I','J','K','L','M','N','O','P','Q','R','S','T','U','V','W','X','Y','Z' };

int i, j, k = 0, p, d;

cout<<"Banali:";

cin.getline(array, n);

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

{

char c = toupper(array[i]);

for (j = i + 1; j < n; j++)

{

if (c == toupper(array[j]))

array[j] = ' ';

}

}

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

{

if (!isalnum(array[i]))

{

k++;

}

}

char \*newarray = new char[strlen(array) - k];

for (j = 0, i = 0; i < strlen(array); i++)

{

if (isalnum(toupper(array[i])))

{

newarray[j] = toupper(array[i]);

j++;

}

}

for (j = 0; j < strlen(array) - k; j++)

cout << newarray[j];

cout << endl;

for (p = 0; p < 26; p++)

{

for (j = 0; j < (strlen(array) - k); j++)

{

if (aybuben[p] == newarray[j])

aybuben[p] = ' ';

}

}

char \*remKeyAlf = new char[26 - (strlen(array) - k)];

{

for (p = 0, d = 0; p < 26; p++)

{

if (isspace(aybuben[p]))

{

continue;

}

else

{

remKeyAlf[d] = aybuben[p];

d++;

}

}

}

for (d = 0; d < 26 - (strlen(array) - k); d++)

cout << remKeyAlf[d];

cout << endl;

int I, J, K;

char \*miavorel = new char[26];

{

for (j = 0, K = 0; j < strlen(array) - k; j++)

{

if (newarray[j] == 'J')

continue;

else

miavorel[K] = newarray[j];

K++;

}

}

for (d = 0; d < 26 - (strlen(array) - k); d++)

{

{

if (remKeyAlf[d] == 'J')

continue;

else

miavorel[K] = remKeyAlf[d];

K++;

}

}

for (K = 0; K < 25; K++)

cout << miavorel[K];

cout << endl;

cout << endl;

int K1 = 0;

char \*\*p2DArray;

p2DArray = new char\*[5];

for (I = 0; I < 5; I++)

p2DArray[I] = new char[5];

for (I = 0; I < 5; I++)

{

for (J = 0, K = 0; J < 5; J++)

{

p2DArray[I][J] = miavorel[K1];

K1++;

cout << p2DArray[I][J] << "\t";

}cout << endl;

}

cout << endl;

char gaxtnagrvox[n];

cout << "gaxtnagrvox text:";

cin.getline(gaxtnagrvox, n);

int q = 0;

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

{

if (!isalnum(gaxtnagrvox[i]))

{

q++;

}

}

char gaxtnagrvox1[n];

int in = 0, l = (strlen(gaxtnagrvox) - q) + ((strlen(gaxtnagrvox) - q) / 2) - 1;

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

{

j = i + 1;

if (toupper(gaxtnagrvox[i]) == 'J')

{

gaxtnagrvox1[in] = 'I';

}

else if (toupper(gaxtnagrvox[i]) == toupper(gaxtnagrvox[j]))

{

gaxtnagrvox1[in] = toupper(gaxtnagrvox[i]);

gaxtnagrvox1[in + 1] = 'Z';

in++;

}

else

{

gaxtnagrvox1[in] = toupper(gaxtnagrvox[i]);in++;

}

}

cout << "gaxtnagrvac text:";

int P, Q, R, S, f1, f2;

char x, y;

for (int i = 0; i < in; i += 2)

{

x = gaxtnagrvox1[i];

y = gaxtnagrvox1[i + 1];

f1 = f2 = 0;

for (int j = 0; j < 5; j++)

{

for (int k = 0; k < 5; k++)

{

if (x == p2DArray[j][k])

{

P = j;

Q = k;

f1 = 1;

}

if (y == p2DArray[j][k])

{

R = j;

S = k;

f2 = 1;

}

if (f1 && f2) break;

}

if (f1 && f2) break;

}

if (P == R)

{

if (Q == 4)

cout << p2DArray[P][0];

else

cout << p2DArray[P][Q + 1];

if (S == 4)

cout << p2DArray[R][0];

else

cout << p2DArray[R][S + 1];

}

else if (Q == S)

{

if (P == 4)

cout << p2DArray[0][Q];

else

cout << p2DArray[P + 1][Q];

if (R == 4)

cout << p2DArray[0][S];

else

cout << p2DArray[R + 1][S];

}

else

{

cout << p2DArray[P][S] << p2DArray[R][Q];

}

}

cout << endl << endl;

delete[] newarray;

delete[] remKeyAlf;

//delete[] gaxtnagrvox1;

return 0;

}