**Ma’lumotlar tuzilmasi va algoritmi**

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**Guruh: 911-21 guruh talabasi**

**Amaliyot: 7**

**Misol: 17**

**Dasturlash tili: C++ CodeBlocks**

**Savol:**  2 ta guruh talabalari familiyalaridan tashkil topgan 2 ta ro’yhat berilgan. Birinchi guruhdan L ta talaba ikkinchi guruhga o’tkazilsin. Qayta hisoblashlar soni.

#include <iostream>

#include<list>

#include<string>

using namespace std;

int main()

{

list<string> l1,l2;

list<string>::iterator it;

int L,n,m,k=1;

string x,y;

cout<<"Birinchi ro'yxatga nechta familiya kiritasiz: ";

cin>>n;

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

{

cout<<i<<"- ni kiriting:";

cin>>x;

l1.push\_front(x);

}

cout<<"Ikkinchi ro'yxatga nechta familiya kiritasiz: ";

cin>>m;

for(int i=1; i<=m; i++)

{

cout<<i<<"- ni kiriting:";

cin>>y;

l2.push\_front(y);

}

cout<<"1 ro'yxatdagi nechta familiyani 2 ro'yxatga qo'shmoqchisiz(L): ";

cin>>L;

if(L>=n)

L=n;

while(k<=L)

{

x=l1.back();

l2.push\_front(x);

l1.pop\_back();

k++;

} k=1;

cout<<"Natija yani 2 ro'yxatdagi familiyalar\n";

for(it=l2.begin(); it!=l2.end(); ++it)

{

cout<<k++<<" -- "<<\*it<<" \n";

}

}



