#include <stdio.h>

#include <stdlib.h>

int main()

{

/\*Zadacha 1

int n;

printf("n = ");

scanf("%d",&n);

int m[n];

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

printf("m[%d] = ",i);

scanf("%d",&m[i]);}

int b=0;

int b1=0;

int l=0;

int l1=0;

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

for (int j=0;j<n;j++){

if(i==j){

break;

}

if (m[i]==m[j]){

b=i;

l++;

}

if (m[i]!=m[j]){

if(l>l1){

b1=b;

l1=l;

l=0;

break;

}

}

}

}

printf("Start = %d\n",b1-l1);

printf("Length = %d",l1+1);

Zadacha 2

int n;

printf("n = ");

scanf("%d",&n);

int m[n];

int a=1;

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

printf("m[%d] = ",i);

scanf("%d",&m[i]);}

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

if (i==(n-1){

break;}

if (m[0]<m[1]){

if (i%2==1){

if(m[i]<m[i-1] || m[i]<m[i+1]){

a=0;

}

}

if (i%2==0){

if(m[i]>m[i-1] || m[i]>m[i+1]){

a=0;

}

}

}

else {

a=0;}

}

if (a==1){

printf("True!");

}

else printf("False!");

Zadacha 3

int n;

printf("n = ");

scanf("%d",&n);

int m[n],a[n];

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

printf("m[%d] = ",i);

scanf("%d",&m[i]);}

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

a[i]=m[n-1-i];

}

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

m[i]=a[i];

}

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

printf("m[%d] = %d\n",i,m[i]);

}

Zadacha 4

int n,k;

printf("n = ");

scanf("%d",&n);

int m[n],a[n];

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

printf("m[%d] = ",i);

scanf("%d",&m[i]);}

printf("k = ");

scanf("%d",&k);

for (int i=0;i<k;i++){

for (int j=0;j<n;j++){

if (j==n-1){

a[0]=m[j];

}

else{

a[j+1]=m[j];

}

}

for (int g=0;g<n;g++){

m[g]=a[g];}

}

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

printf("m[%d] = %d\n",i,m[i]);

}

Zadacha 5

int n,k;

printf("n = ");

scanf("%d",&n);

int m[n];

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

printf("m[%d] = ",i);

scanf("%d",&m[i]);}

printf("k = ");

scanf("%d",&k);

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

for (int j=0;j<n;j++){

if (m[i]>m[j]){

int b=m[i];

m[i]=m[j];

m[j]=b;

}

}

}

printf("K-tiq po golemina e: %d",m[k-1]);

Zadahca 6

int n;

printf("n = ");

scanf("%d",&n);

int m[n];

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

printf("m[%d] = ",i);

scanf("%d",&m[i]);

}

int b=0;

int b1=0;

int l=1;

int l1=1;

for (int j=0;j<n;j++){

if(j+1==n){

break;

}

if (m[j]==m[j+1]-1){

b=j;

l++;

}

else{

if(l>l1){

b1=b-l+2;

l1=l;

l=1;

}

}

}

printf("Narastvashta:\n");

for (int i=b1;i<b1+l1;i++){

printf("m[%d] = %d\n",i,m[i]);\*/

}

return 0;

}