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#include "stdafx.h"

#include <iostream>

#include <conio.h>

#include <math.h>

#include <string.h>

#include <ctype.h>

using namespace std;

do{

} while (\_getch() != 27 );

return 0;

}

//sx tang dan

for (i=0;i<n-1;i++)

{

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

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

{

int t=a[i];

a[i]=a[j];

a[j]=t;

}

}

}

cout << "mang da sap xep tang dan" << endl;

for (i=0;i<n;i+=1) { cout << a[i]<<" " ; }

cout<<endl;

// dem so chan va le

int n,demle,demchan,ok;

do {

cout << "nhap n : " ;

cin >> n;

}

while ( n<=0 || (n>99999) );

ok=n;

demchan=0; demle=0;

while (n>1)

{

if ( (n % 10) % 2 == 0 ){ demchan++; }

else

{ demle++; }

n/=10;

}

cout<<"\" "<<ok<<" \""<<endl<< "- co " << demle << " so le"<<endl<<"+ "<< demchan << " so chan"<<endl;

// nhan mt vuong cung cap

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

{

int k=0;

while (k<n)

{

for (j=0,c[i][k]=0;j<n;j+=1)

{

c[i][k]+=a[i][j]\*b[j][k];

}

cout<<c[i][k]<< " ";

k++;

}

cout<<endl;

}

// mt 1 chieu

int n,i,j, a[50];

cout << "nhap so pt cua mang : " ;

cin >> n;

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

{

cout << "nhap pt thu " << i << ": ";

cin >> a[i];

}

cout<<"\* Xuat mang"<<endl;

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

{

cout << a[i] << " ";

}

// mt 2 chieu

int a[50][50];

int d;

int c;

int i, j;

//1.Nhap ma tran

cout << "Nhap so dong: ";

cin >> d;

cout << "Nhap so cot : ";

cin >> c;

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

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

{

cout << "a[" << i << "][" << j << "] = ";

cin >> a[i][j];

}

//2.In ma tran

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

{

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

cout << a[i][j] << " ";

cout << endl;

}

// tong bien 2 chieu

int tong=0;

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

{

if (a[0][j]%2==0) {tong+=a[0][j];}

if (a[d-1][j]%2==0) {tong+=a[d-1][j];}

}

for (i=1;i<(d-1);i+=1)

{

if (a[i][0]%2==0) {tong+=a[i][0];}

if (a[i][c-1]%2==0) {tong+=a[i][c-1];}

}

cout << tong<<endl;

// chuoi =, string , char

char str[50],cpy[1];

cout << "nhap chuoi ki tu : "; cin.getline(str,50);

cout << str << endl;

strcpy(cpy,str);

cout<<strcmp(cpy,str);

\_strupr\_s(str); cout << str;

\_strlwr\_s(str);

dai = strlen(str);

// tim ky tu hoac chuoi ky tu

strchr(str,'a')

strstr(stri, " a b c ")

+ max

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

{

if (a[i]==max) cout << i <<" >> " ;

}

+ min

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

{

min=a[0];

if (a[i]<min) {min=a[i];}

}

+ scp

int ktscp( int n)

{

if ( n < 0 ) return 0;

if ( (int)sqrt((double) n) == sqrt((double) n) )

return 1;

return 0;

}

int maxcp(int a[], int n)

{

int i = 0;

while ( i<n && ktscp(a[i])==0 ) i++;

if ( i>=n ) { return -1; }

int maxcp = a[i];

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

if ( (ktscp(a[i]) == 1) && (a[i] > maxcp) ) maxcp = a[i];

return maxcp;

}

+ snto

int ktnt( int n)

{

if ( n < 2 ) return 0;

for ( int i=2; i < n\*0.5 ; i++ )

if ( n % i == 0 )

return 0;

return 1;

======================

Ct con:

void nhapmang(int a[], int n)

{

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

{

cout << "Nhap phan tu thu " << i << " : ";

cin >> a[i];

}

}

void inmang(int a[], int n)

{

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

{

cout << a[i] << " ";

}

cout << endl;

}

void xoavitri(int a[], int &n, int k)

{

if (k < 0 || k >= n) return;

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

{

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

}

n--;

}

int timmaxvt( int a[], int n, int &vt)

{

int max = a[0];

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

{

if ( a[i] > max ) max = a[i]; vt = i;

}

return max;

}

int lamtronso(float x)

{

int kq;

int nguyen;

float le;

nguyen = int (x);

le = fabs(x - nguyen);

if (le < 0.5)

kq=nguyen;

else {

if (x >=0 ) kq = nguyen + 1;

else kq = nguyen - 1;

}

return kq;

}

int tongcacuoc (int y)

{

int tonguoc=0;

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

if (y % i == 0) tonguoc+=i;

return tonguoc;

}

int kthhjj (int y)

{

if (tongcacuoc(y) == (2 \* y)) return 1;

else return 0;

}

-liet ke cac so hoan hao-

void lietkehoanhao (int k)

{

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

if (kthhjj(i) == 1) cout << i << " ";

cout<<endl;

}

void hoanvi(int &a, int &b)

{

int t = a;

a=b;

b=t;

}

-tang dan so nguyen to-

void sxnguyento(int a[], int n)

{

for (int i=0; i < n-1; i++)

{

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

{

if (ktnt(a[i])==1 && ktnt(a[j])==1 && a[i]>a[j] )

hoanvi(a[i],a[j]);

}

}

}

int demx(int a[], int n, int x)

{

int dem = 0;

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

{

if (a[i] == x) dem++;

}

return dem;

}

**Snt max + so vi tri**

int caud(int a[], int n, int &dem)

{

int i = 0;

while ( i<n && ktnt(a[i])==0 ) i++;

if ( i>=n ) { dem = 0; return 0; }

int maxnt = a[i];

dem = demx(a,n,a[i]);

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

if (ktnt(a[i]) == 1)

{

int d = demx(a,n,a[i]);

if (d > dem)

{

maxnt = a[i];

dem = d;

}

}

return maxnt;

}

int ktscp( int n)

{

if ( n < 0 ) return 0;

if ( (int)sqrt((double) n) == sqrt((double) n) )

return 1;

return 0;

}

int maxcp(int a[], int n)

{

int i = 0;

while ( i<n && ktscp(a[i])==0 ) i++;

if ( i>=n ) { return -1; }

int maxcp = a[i];

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

if ( (ktscp(a[i]) == 1) && (a[i] > maxcp) ) maxcp = a[i];

return maxcp;

}