BAI1

1

#include<stdio.h>

#include<math.h>

void nhap(int a[], int n) {

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

printf("a[%d] = : ", i+1);

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

}

}

int Tong(int a[], int n) {

int tong = 0;

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

tong += a[i];

}

return tong;

}

long long Tich(int a[], int n) {

long long tich = 1;

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

tich \*= a[i];

}

return tich;

}

int cacsochiahetcho3(int a[], int n) {

int i;

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

if(a[i] % 3 == 0 && a[i] > 10 )

{

printf("%d , ", a[i]);

}

}

}

int Dem(int a[], int n) {

int dem = 0;

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

if(a[i] > 100 && a[i] < 1000) {

dem++;

}

}

return dem;

}

int main() {

int n , i;

printf("nhap n: ");

scanf("%d", &n);

int a[n];

nhap(a, n);

printf("tong cac phan tu trong mang la: %d \n", Tong(a, n));

printf("tich cac phan tu trong mang la: %lld \n", Tich(a, n));

printf("Cac so chia het cho 3 va lon hon 10 la : ");

cacsochiahetcho3(a, n);

printf("\n");

printf("co %d so trong mang lon hon 100 va nho hon 1000\n", Dem(a, n));

}

2

#include <stdio.h>

#include <limits.h>

int main() {

int n;

printf("Nhap n: ");

scanf("%d", &n);

int a[n];

printf("Nhap mang : \n");

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

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

}

int min\_even = INT\_MAX;

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

if (a[i] % 2 == 0 && a[i] < min\_even) {

min\_even = a[i];

}

}

if (min\_even == INT\_MAX) {

printf("K co so chan.\n");

} else {

printf("So chan nho nhat la : %d\n", min\_even);

}

return 0;

}

3

#include <stdio.h>

#include <stdlib.h>

#include <math.h>

int n = 0;

void input(double a[]){

double x;

char c;

do{

scanf("%lf", &x);

a[n] = x;

n++;

scanf("%c", &c);

}while ( c!='\n');

}

void output(double a[]){

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

printf("%.2lf ", a[i]);

}

printf("\n");

}

void func(double a[]){

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

if (a[i] == (a[i-1]+a[i+1])/2){

printf("a[i-1] = %.2lf a[i] = %.2lf a[i+1] = %.2lf\n", a[i-1], a[i], a[i+1]);

}

}

printf("\n");

}

int main(){

printf("Nhap day, moi so cach nhau 1 dau cach: \n");

double a[200];

input(a);

output(a);

func(a);

return 0;

}

4

#include <stdio.h>

#include <stdlib.h>

#include <math.h>

int n = 0;

void nhap\_ham(double a[]){

double x;

char c;

do{

scanf("%lf", &x);

a[n] = x;

n++;

scanf("%c", &c);

}while ( c!='\n');

}

void in\_mang(double a[]){

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

printf("%.2lf ", a[i]);

}

printf("\n");

}

double tim\_min(double a[]){

double min = a[0];

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

if (a[i] < min){

min = a[i];

}

}

return min;

}

void in\_min(double a[], double min){

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

if (a[i] == min){

printf("%d ", i+1);

}

}

}

int main(){

printf("Nhap day (<100 phan tu) moi so cach nhau 1 dau cach: \n");

double a[100];

nhap\_ham(a);

in\_mang(a);

double min = tim\_min(a);

printf("So be nhat la: %.2lf va cac vi tri la: ", min);

in\_min(a, min);

return 0;

}