Q1 : Gia tri nho nhat/lon nhat và Vi tri xuat hien trong cua mang

Q2 : So lon nhat & vi tri xuat hien + So lon thu hai & vi tri xuat hien cua mang

Q3 : So nho thu hai trong mang

Q4 : So chan lon nhat trong mang + so chan lon thu hai

Q5 : So chan nho nhat trong mang

Q6 : So le lon nhat trong mang

Q7 : So le nho nhat trong mang + so le nho thu hai trong mang

Q1:Gia tri nho nhat/lon nhat và Vi tri xuat hien trong cua mang

5

10 5 3 7 8

OUTPUT:

3

2

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT:ADD YOUR CODE FOR INPUT HERE:

int n,i;

scanf("%d", &n);

int a[n];

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

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

}

int min = a[0];

int minIndex = 0;

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

if (a[i] < min) { // a[i] > max

min = a[i]; // max = a[i];

minIndex = i; // maxIndex = i;

}

}

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

//Gia tri nho nhat trong mang

printf("%d\n", min);

//Vi tri cua gia tri nho nhat trong mang

printf("%d",minIndex);

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system ("pause");

return(0);

}

//Q2 :So lon nhat & vi tri xuat hien + So lon thu hai & vi tri xuat hien cua mang

6

10 5 7 3 8 12

OUTPUT:

12

5

10

0

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT:ADD YOUR CODE FOR INPUT HERE:

int n,i;

// Nhap kich thuoc mang:

scanf("%d", &n);

int a[n];

//Nhap cac phan tu cua mang

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

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

}

int max = a[0];

int maxIndex = 0;

// tim max

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

if (a[i] > max) {

max = a[i];

maxIndex = i;

}

}

// Tim max thu 2

int secondMax = a[0];

int secondMaxIndex = -1; // khoi tao = -1 neu ko tim thay

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

if (a[i] > secondMax && a[i] < max) {

secondMax = a[i];

secondMaxIndex = i;

}

}

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

if (secondMaxIndex != -1) {

printf("%d\n", max);

printf("%d\n", maxIndex);

printf("%d\n", secondMax);

printf("%d", secondMaxIndex);

} else {

printf("Khong tim thay gia tri lon thu hai trong mang");

}

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system ("pause");

return(0);

}

// Q3 : So nho thu hai trong mang

6

10 5 7 3 8 12

OUTPUT:

5

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT:ADD YOUR CODE FOR INPUT HERE:

int n,i;

scanf("%d", &n);

if (n < 2) {

return 1; // Exit the program with an error code

}

int a[n];

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

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

}

int smallest = a[0];

int secondSmallest = a[1];

if (a[0] > a[1]) {

smallest = a[1];

secondSmallest = a[0];

}

for ( i = 2; i < n; i++) {

if (a[i] < smallest) {

secondSmallest = smallest;

smallest = a[i];

} else if (a[i] < secondSmallest && a[i] != smallest) {

secondSmallest = a[i];

}

}

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

printf("%d", secondSmallest);

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system ("pause");

return(0);

}

// Q4 : So chan lon nhat trong mang

6

10 5 7 12 8 14

OUTPUT:

14

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT:ADD YOUR CODE FOR INPUT HERE:

int i,n;

scanf("%d",&n);

int a[n];

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

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

int Max\_even=-1;

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

if(a[i]>Max\_even && a[i]%2==0)

Max\_even=a[i];

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

printf("%d",Max\_even);

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system ("pause");

return(0);

}

------------- So chan lon thu hai ------------------

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT: ADD YOUR CODE FOR INPUT HERE:

int i, n;

scanf("%d", &n);

int a[n];

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

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

int Max\_even = -1;

int SecondMax\_even = -1;

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

if (a[i] % 2 == 0) {

if (a[i] > Max\_even) {

SecondMax\_even = Max\_even;

Max\_even = a[i];

} else if (a[i] > SecondMax\_even && a[i] < Max\_even) {

SecondMax\_even = a[i];

}

}

}

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

if (SecondMax\_even != -1) {

printf("%d", SecondMax\_even);

} else {

printf("Khong tim thay so chan thu hai trong mang");

}

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system("pause");

return 0;

}

//Q5 :

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT:ADD YOUR CODE FOR INPUT HERE:

int i,n;

scanf("%d",&n);

int a[n];

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

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

int minEven = -1;

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

if (a[i] % 2 == 0) {

if (minEven == -1 || a[i] < minEven) {

minEven = a[i];

}

}

}

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

if (minEven != -1) {

printf("%d", minEven);

} else {

printf("NOT FOUND\n");

}

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system ("pause");

return(0);

}

//Q6 :

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT:ADD YOUR CODE FOR INPUT HERE:

int n,i;

scanf("%d",&n);

int a[n];

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

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

int Max\_even=-1;

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

if(a[i]>Max\_even && a[i]%2!=0)

Max\_even=a[i];

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

printf("%d",Max\_even);

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system ("pause");

return(0);

}

\*/

//Q7 : So le nho nhat trong mang

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT:ADD YOUR CODE FOR INPUT HERE:

int n,i;

scanf("%d",&n);

int a[n];

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

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

int minOdd = -1;

for ( i = 0; i < 5; i++) {

if (a[i] % 2 != 0) {

if (minOdd == -1 || a[i] < minOdd) {

minOdd = a[i];

}

}

}

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

if (minOdd != -1) {

printf("%d", minOdd);

} else {

printf("Not found");

}

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system ("pause");

return(0);

}

-----------So le nho thu hai trong mang-----------------

#include <stdio.h>

#include <stdlib.h>

#include <string.h>

#include <math.h>

int main() {

system("cls");

//INPUT - @STUDENT: ADD YOUR CODE FOR INPUT HERE:

int i, n;

scanf("%d", &n);

int a[n];

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

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

int Smallest\_odd = -1;

int SecondSmallest\_odd = -1;

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

if (a[i] % 2 != 0) {

if (Smallest\_odd == -1 || a[i] < Smallest\_odd) {

SecondSmallest\_odd = Smallest\_odd;

Smallest\_odd = a[i];

} else if ((SecondSmallest\_odd == -1 || a[i] < SecondSmallest\_odd) && a[i] != Smallest\_odd) {

SecondSmallest\_odd = a[i];

}

}

}

// Fixed Do not edit anything here.

printf("\nOUTPUT:\n");

//@STUDENT: WRITE YOUR OUTPUT HERE:

if (SecondSmallest\_odd != -1) {

printf("%d", SecondSmallest\_odd);

} else {

printf("Khong tim thay so le thu hai trong mang");

}

//--FIXED PART - DO NOT EDIT ANY THINGS HERE

printf("\n");

system("pause");

return 0;

}