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Question#1

#include <iostream>

using namespace std;

int main() {

const int size = 15;

int arr[size];

cout << "Input" << endl;

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

cout << "Enter Element No." << i + 1 << " : "; cin >> arr[i];

}

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

for (int j = i + 1; j < size; j++) {

if (arr[j] % 2 == 0) {

int num = arr[i];

arr[i] = arr[j];

arr[j] = num;

}

}

}

cout << "Output"<<endl;

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

cout << "Index : "<<i<<" Element : "<< arr[i]<<endl;

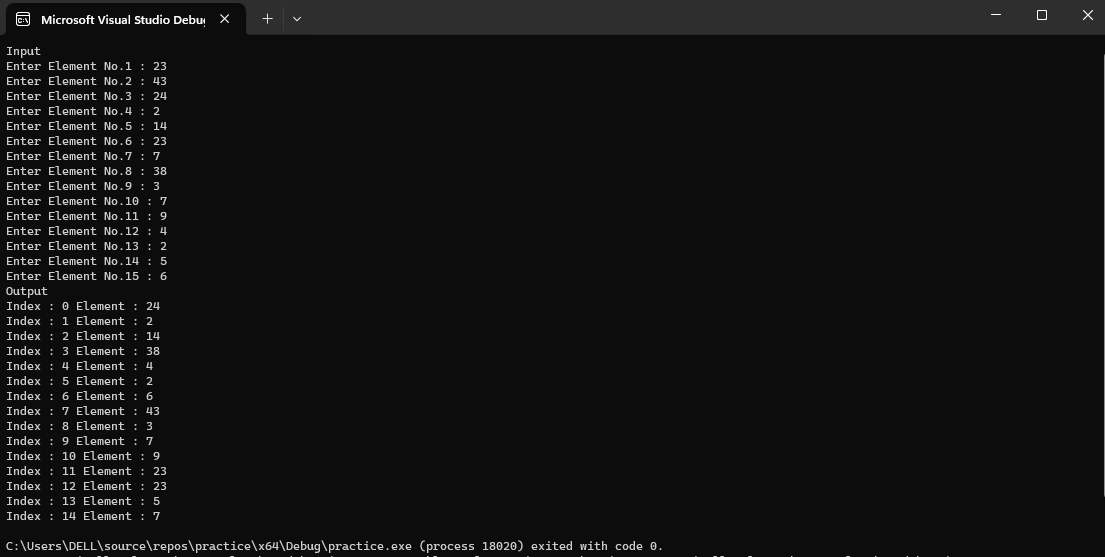
}

return 0;

}



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Question#2

#include <iostream>

using namespace std;

int main() {

const int size = 20;

int arr[size];

int count = 0;

cout << "Input" << endl;

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

cout << "Enter Element No." << i + 1 << " : "; cin >> arr[i];

}

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

for (int j = i + 1; j < size; j++) {

if (arr[j] % 2 == 0 ) {

int num = arr[i];

arr[i] = arr[j];

arr[j] = num;

}

}

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

count = i;

}

}

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

for (int j = i + 1; j <= count; j++) {

if (arr[j] < arr[i]) {

int num = arr[i];

arr[i] = arr[j];

arr[j] = num;

}

}

}

for (int i = count+1; i < size; i++) {

for (int j = i+1; j < size; j++) {

if (arr[j] < arr[i]) {

int num = arr[i];

arr[i] = arr[j];

arr[j] = num;

}

}

}

cout << "Output"<<endl;

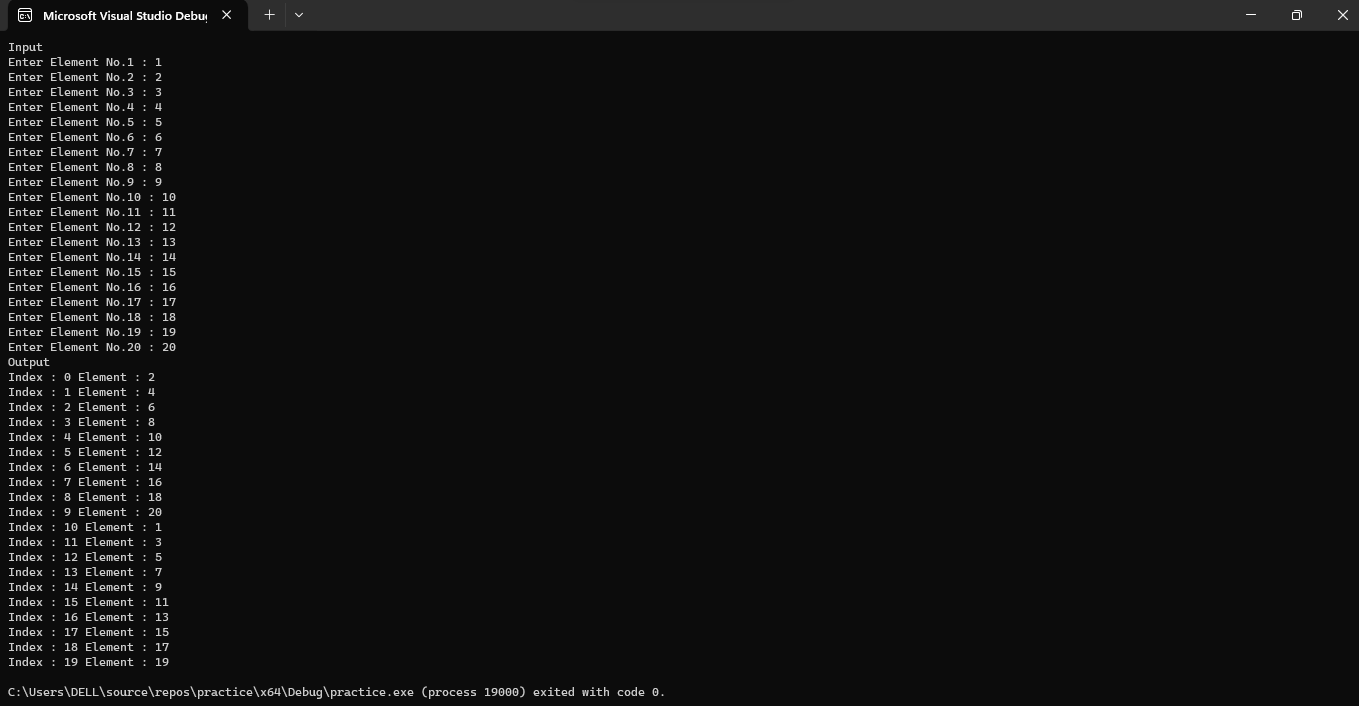
for (int i = 0; i < size; i++) {

cout << "Index : "<<i<<" Element : "<< arr[i]<<endl;

}

return 0;

}







Question#3

#include <iostream>

#include<cstdlib>

#include<ctime>

using namespace std;

int main() {

srand(time(0));

int arr1[5][6];

int arr2[5][6];

int arr3[5][6];

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

for (int j = 0; j < 6; j++) {

arr1[i][j] = rand() % 10 ;

}

}

cout << "Array no.1" << endl;

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

for (int j = 0; j < 6; j++) {

cout<<arr1[i][j]<<" ";

}

cout << endl;

}

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

for (int j = 0; j < 6; j++) {

arr2[i][j] = rand() % 10;

}

}

cout << "Array no.2" << endl;

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

for (int j = 0; j < 6; j++) {

cout << arr2[i][j]<<" ";

}

cout << endl;

}

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

for (int j = 0; j<6 ; j++) {

arr3[i][j] = arr1[i][j] + arr2[i][j];

}

}

cout << "Sum" << endl;

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

for (int j = 0; j < 6; j++) {

cout << arr3[i][j] << " ";

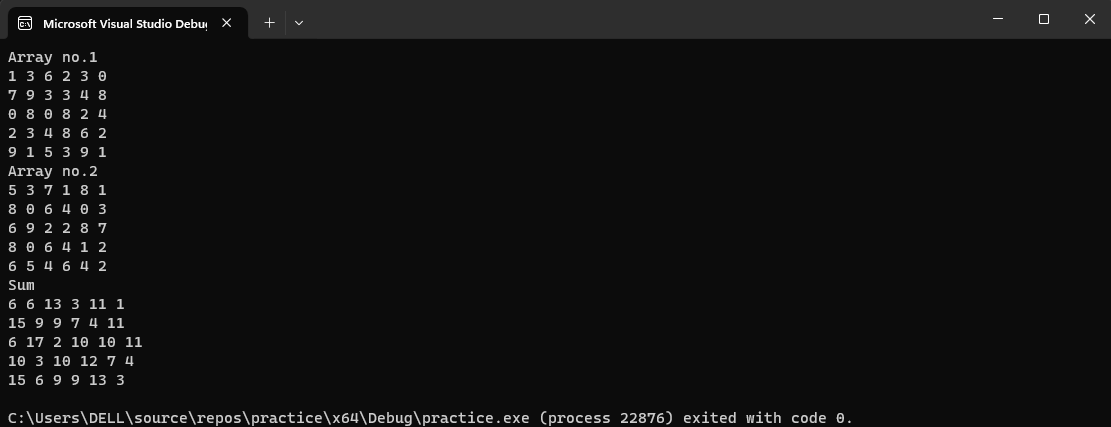
}

cout << endl;

}

return 0;

}



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