Оригинальный код:

#include <iostream>

using namespace std;

int numberOfElementInArray(char\* array, char element, int size)

{

int k = 0;

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

if (array[i] == element)

k++;

return k;

}

int numberOfElementInArray(int\* array, int element, int size)

{

int k = 0;

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

if (array[i] == element)

k++;

return k;

}

int main()

{

int size, element;

char type, element2;

cout << "Enter type of array (int - 1(default), char - 2)" << endl;

cin >> type;

if (type == '2')

{

cout << "Enter size of array" << endl;

cin >> size;

char\* array2 = new char[size];

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

cin >> array2[i];

cout << "Enter element" << endl;

cin >> element2;

cout << numberOfElementInArray(array2, element2, size) << endl;

delete[] array2;

}

else

{

cout << "Enter size of array" << endl;

cin >> size;

int\* array = new int[size];

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

cin >> array[i];

cout << "Enter element" << endl;

cin >> element;

cout << numberOfElementInArray(array, element, size) << endl;

delete[] array;

}

}

Переделанный код:

#include <iostream>

using namespace std;

int numberOfElementInArray(char\* array, char element, int size)

{

int k = 0;

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

if (array[i] == element)

k++;

return k;

}

int numberOfElementInArray(int\* array, int element, int size)

{

int k = 0;

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

if (array[i] == element)

k++;

return k;

}

char typeSelect()

{

char type;

cout << "Enter type of array (int - 1(default), char - 2)" << endl;

cin >> type;

return type;

}

char\* charArrayCreate(int size)

{

char\* array = new char[size];

cout << "Enter array elments" << endl;

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

cin >> array[i];

return array;

}

int\* intArrayCreate(int size)

{

int\* array = new int[size];

cout << "Enter array elments" << endl;

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

cin >> array[i];

return array;

}

int sizeInput()

{

int size;

cout << "Enter size of array" << endl;

cin >> size;

return size;

}

char elementInput(char\* array)

{

char element;

cout << "Enter element" << endl;

cin >> element;

return element;

}

int elementInput(int\* array)

{

int element;

cout << "Enter element" << endl;

cin >> element;

return element;

}

int main()

{

int size, intelement;

char charelement;

char\* chararray;

int\* intarray;

size = sizeInput();

if (typeSelect() == '2')

{

chararray = charArrayCreate(size);

charelement = elementInput(chararray);

cout << numberOfElementInArray(chararray, charelement, size) << endl;

delete[] chararray;

}

else

{

intarray = intArrayCreate(size);

intelement= elementInput(intarray);

cout << numberOfElementInArray(intarray, intelement, size) << endl;

delete[] intarray;

}

}