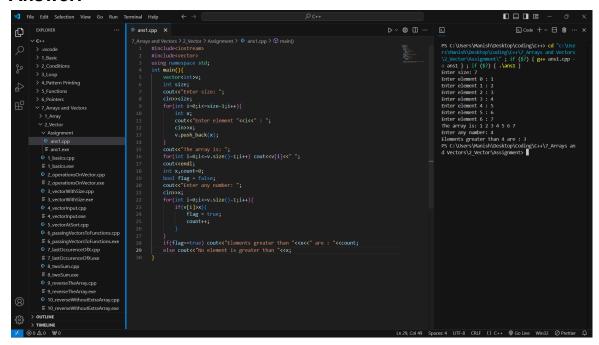
Assignment (Arrays-2)

Q1. Count the number of elements strictly greater than x.

Answer:



Q2. WAP to find the largest three elements in the array.

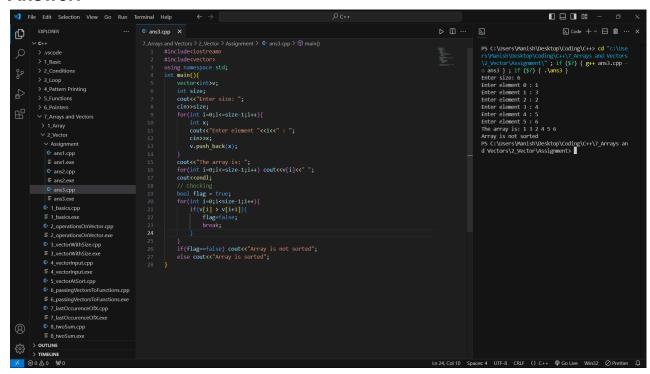
Answer:

```
### PACH

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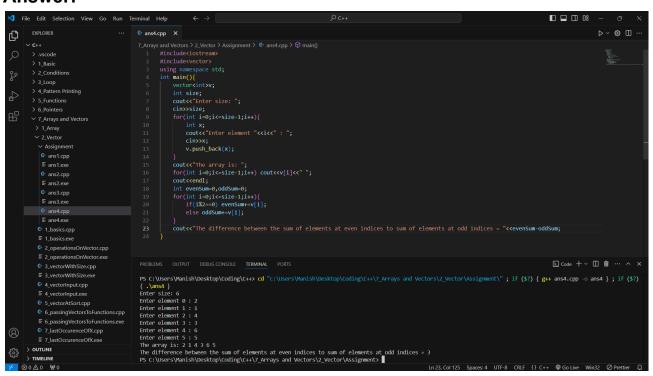
Q3. Check if the given array is sorted or not.

Answer:



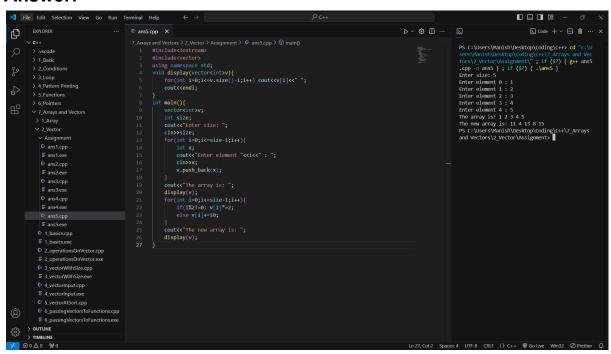
Q4. Find the difference between the sum of elements at even indices to the sum of elements at odd indices.

Answer:



Q5. Given an array of integers, change the value of all odd indexed elements to its second multiple and increment all even indexed values by 10.

Answer:



Q6: Find the unique number in a given Array where all the elements are being repeated twice with one value being unique.

Answer:

```
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Ф

    ➤ C++
    > 2_Conditions
    > 3_Loop
    > 4_Pattern Printing
    > 5_Functions
    > 6_Pointers

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ps-\Section = \frac{1}{2}\text{ ctrch\Section} = \frac{1}{2}\text{ c
                                        7_Arrays and Vectors1_Array2_Vector
                                                                                                                                                                                                                                                                                                                  cout<<"Enter size: ";
cin>>size;
for(int i = 0; i < size; i++) {
    int x;
    cout << "Enter element " << i << ": ";
    cin >> x;
    v.push_back(x);
}
                                                    ✓ Assignment

G ans1.cpp

F ans1.exe
                                                        C+ ans2.cpp

≡ ans2.exe
                                                                                                                                                                                                                                                                                                              }
cout << "The array is: ";
for(int i = 0; i < size; i++)
cout << v[i] << " ";
cout << endl;
int unique = 0;
for(int i + 0; i < size; i++) {
    unique ^= v[i]; // XOR-ing all elements }
                                                            G ans3.cpp

≡ ans3.exe
                                                        G ans5.cpp

≡ ans5.exe
                                                                                                                                                                                                                                                                                                                        cout << "The unique element is: " << unique << endl;
                                                        @ 2_operationsOnVector.cpp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ln 23, Col 57 Spaces: 4 UTF-8 CRLF {} C++ P Go Live W
```

Q7: If an array arr contains n elements, then check if the given array is a palindrome or not.

Answer:

Q8: Find the error.

```
double getAverage(int arr[], int size);
int main () {
int balance[5] = {1000, 2, 3, 17, 50};
double avg;
avg = getAverage( balance[0], 5 ) ;
cout << "Average value is: " << avg << endl;
return 0;
}</pre>
```

Answer: in parameters of function call of "getAverage" "balance[0]" is given which is wrong because it is trying to convert 'int' to 'int*'. Only "balance" should be passed. Also inside the function definition there is no code present to find the average of array values.