

<https://www.programiz.com/online-compiler/1I9FPJeJ2bVTP>

//Write a C++ program to create an array of 10 integers and display the array items. Access individual elements through indexes and compute for the sum.

```
#include <iostream>
using namespace std;

int main () {
    int integers[10];
    cout << "Enter 10 integers: " << endl;

    //inputting the 10 integers
    for (int i = 0; i < 10; ++i) {
        cout << "Element " << i << ": " << " ";
        cin >> integers[i];
    }

    //placing them in the array
    cout << "\nThe array elements are:\n";
    for (int i = 0; i < 10; ++i) {
        cout << "Index " << i << ": " << integers[i] << endl;
    }

    //computing the sum of the elements in the array
    int sum = 0;
    for (int i = 0; i < 10; ++i) {
        sum += integers[i];
    }

    cout << "\nThe sum of the elements is: " << sum << endl;

    return 0;
}
```