

Eli Sobylak
20-oct-15

2.26

/* I tried implementing these problems in c++ and got this one program to run, I was not 100% sure what the question was looking for but this program has a function that will take an array of ints and find the biggest difference between (range?) in the array */2

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

```
int max_Val(int arr[],int arr_size) {
    int max_val = arr[1] - arr[0];
    int i, j;

    //cout << "Debug one" << endl;

    for(i = 0; i < arr_size; i++) {
        cout << "Value of i: " << i << endl;
        for(j = i + 1; j < arr_size; j++) {
            cout << "value of j: " << j << endl;
            if(arr[j] - arr[i] >= max_val) {
                max_val = arr[j] - arr[i];
                cout << "value of max_val: " << max_val << endl;
            }
        }
    }
    cout << max_val << endl;
    return 0;
}

int main() {
    int arr[] = {900,1,2,100};
    cout << (max_Val(arr, 4)) << "\n";
    cout << "Done running" << endl;
    return 0;
}
```