// Length of the largest subarray with contiguous elements

#include <iostream>

#include <algorithm>

using namespace std;

int main()

{

int arr[] = {1, 56, 58, 57, 90, 92, 94, 93, 91, 45};

int n = sizeof(arr)/sizeof(arr[0]);int ans=0;

sort(arr, arr + n);

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

cout<<arr[i]<<" ";

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

{

int len=1;

for(int j=i;j<n;j++)

{

if(arr[j]==arr[j+1]-1){len++;

continue;}

else

break;

}

if(ans<len){ans=len;}

}

cout << "Length of the longest contiguous subarray is "

<< ans;

return 0;

}