#include <iostream>

#include <functional>

#include <string>

#include <algorithm>

using namespace std;

int main() {

int arr[]={2,34,5,6,22,23,56};

sort(arr,arr+7);

cout<<"print specific element from array :"<<arr[6]<<endl;

cout<<"full sorted array is :"<<endl;

for(int i=0;i < 7;i++)

{

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

}

cout<<"\n full sorted array in decresing order i.e higher to low :"<<endl;

sort(arr,arr+7,greater<int>());

for(int i=0;i < 7;i++)

{

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

};

cout<<"\n ";

int first[]={1,2,3,4,5};

int second[]={10,20,30,40,50};

int results[5];

cout<<"the tranformation element of two array and print sum by using functor :"<<endl;

transform (first, first+5, second, results, plus<int>());

for (int i=0; i<5; i++)

{

cout << results[i] << ' ';

}

cout << '\n';

return 0;

}

/\*

print specific element from array :56

full sorted array is :

2 5 6 22 23 34 56

full sorted array in decresing order i.e higher to low :

56 34 23 22 6 5 2

the tranformation element of two array and print sum by using functor :

11 22 33 44 55

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