Mth MAX AND Nth MIN

CODE:

#include<iostream>

#include <bits/stdc++.h>

using namespace std;

int main()

{

int i,a[10],n,min,max;

cout<<"ENTER NUMBER OF ENTRIES =>";

cin>>n;

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

{

cout<<"ENTER THE ENTRY "<<i+1<<" =>";

cin>>a[i];

}

sort(a,a+i);

cout<<"\nSORTED ARRAY\n";

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

{

cout<<a[i]<<" ";

}

cout<<"\nenter the nth min =>";

cin>>min;

cout<<"\nenter the mth max =>";

cin>>max;

cout<<"\nthe "<<min<<"th minimum number is => "<<a[min];

cout<<"\nthe "<<max<<"th maximum number is => "<<a[n-max];

}

OUTPUT:

ENTER NUMBER OF ENTRIES => 7

ENTER THE ENTRY 1 =>14

ENTER THE ENTRY 2 =>16

ENTER THE ENTRY 3 =>87

ENTER THE ENTRY 4 =>36

ENTER THE ENTRY 5 =>25

ENTER THE ENTRY 6 =>89

ENTER THE ENTRY 7 =>34

SORTED ARRAY

14 16 25 34 36 87 89

enter the nth min =>3

enter the mth max =>1

the 3th minimum number is => 34

the 1th maximum number is => 89

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Process exited after 61.9 seconds with return value 0

Press any key to continue . . .