Find kth smallest element

#include<iostream>

using namespace std;

int main()

{

int a[10],n,k,temp;

cout<<"Enter the number of elements: ";

cin>>n;

cout<<"Enter the array elements: ";

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

cin>>a[i];

cout<<"Enter how many largest numbers from the array needed: ";

cin>>k;

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

{

for(int j=0;j<n-1-i;j++)

if(a[j]>a[j+1])

{

temp = a[j];

a[j] = a[j+1];

a[j+1] = temp;

}

}

cout<<"The k largest elements are: ";

for(int i=n-1;i>=n-k;i--)

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

return 0;

}