Take two arrays A and B with integer values and merge the arrays with C array

CODE:

#include<iostream>

using namespace std;

int main()

{

int arrOne[50], arrTwo[50], arrMerge[100];

int sizeOne, sizeTwo, i, k;

cout<<"Enter the Size for First Array: ";

cin>>sizeOne;

cout<<"Enter "<<sizeOne<<" Elements for First Array: ";

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

{

cin>>arrOne[i];

arrMerge[i] = arrOne[i];

}

k = i;

cout<<"\nEnter the Size for Second Array: ";

cin>>sizeTwo;

cout<<"Enter "<<sizeTwo<<" Elements for Second Array: ";

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

{

cin>>arrTwo[i];

arrMerge[k] = arrTwo[i];

k++;

}

cout<<"\nThe New Array (Merged Array):\n";

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

cout<<arrMerge[i]<<" ";

cout<<endl;

    return 0;

}