

## MERGE TWO SORTED ARRAYS

1. (15 points) Write a program to merge two sorted arrays that are not necessarily the same size. Input consists of arrays A and B and their sizes. Output consists of array C. For example, if we merge the arrays A and B illustrated here, the answer is the array C as shown:

```
A = 5 6 8 12 13
B = 4 6 7 9
C = 4 5 6 6 7 8 9 12 13
```