Flatten

Write a method `flatten` that takes in a 2-D array x and returns a 1-D array that contains all of the arrays in x concatenated together.
For example, `flatten({{1, 2, 3}, {}, {7, 8}})` should return `{1, 2, 3, 7, 8}`.

```
1  public static int[] flatten(int[][] x) {
2      int totalLength = 0;
3
4      for (_____________________________________) {
5
6          ________________________________________________
7      }
8
9      int[] a = new int[totalLength];
10     int aIndex = 0;
11     for (_____________________________________) {
12
13         ________________________________________________
14
15         ________________________________________________
16
17         ________________________________________________
18
19         ________________________________________________
20     }
21
22     return a;
23 }
```