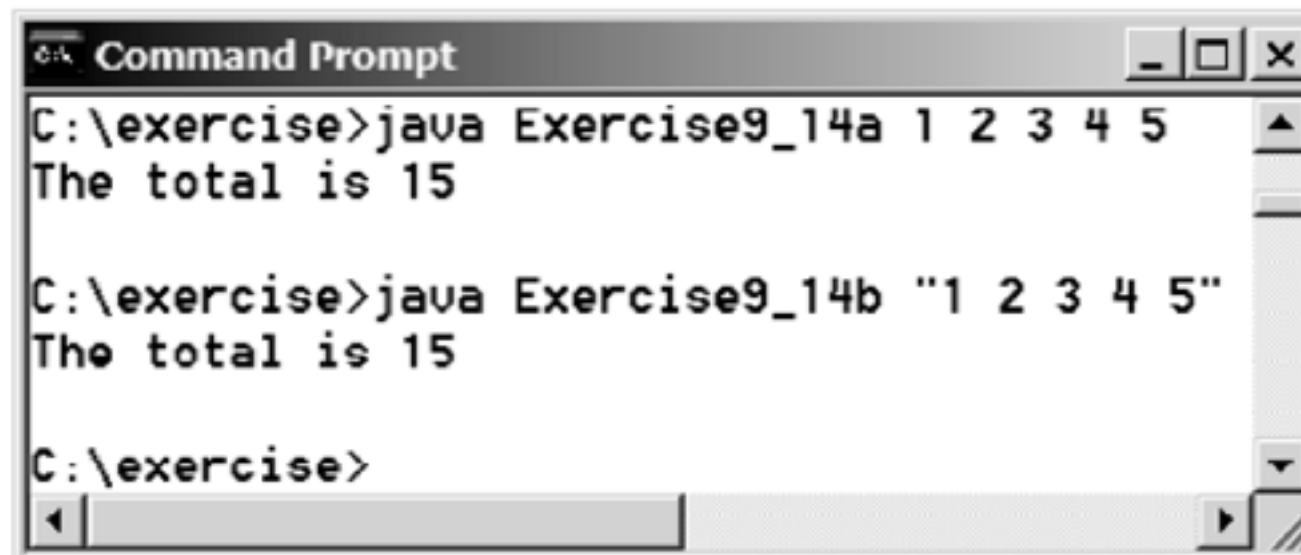# EXERCISE VIII

Go as far as you can!

8.1 (*Anagrams*) Write a method that checks whether two words are anagrams. Two words are anagrams if they contain the same letters in any order. For example, **"silent"** and **"listen"** are anagrams. The header of the method is as follows:

```
public static boolean isAnagram(String s1, String s2)
```

Write a test program that prompts the user to enter two strings and, if they are anagrams, displays **"anagram"**, otherwise displays **"not anagram"**.

8.2 (*Summing integers*) Write two programs. The first program passes an unspecified number of integers as separate strings to the **main** method and displays their total. The second program passes an unspecified number of integers delimited by one space in a string to the **main** method and displays their total.

```
Command Prompt                              _ □ ×
C:\exercise>java Exercise9_14a 1 2 3 4 5
The total is 15

C:\exercise>java Exercise9_14b "1 2 3 4 5"
The total is 15

C:\exercise>
```