Exercise Swap Name

- Write a program to read pairs of first and last names and display them in the order of last name followed by first name
  Assume that each first and last name has at most 10 characters and does not contain any spaces

- Your program should first read the total number of names (an integer)
  Next, your program should read a first name and last name and then display these names is one line, the last name followed by one space, followed by the first name

Exercise Swap Name

- Test case 1 :

Input:

4

Alan Turing

Ada Lovelace

Donald Knuth

Claude Shannon

Output:

Turing Alan

Lovelace Ada

Knuth Donald

Shannon Claude

WARNING: Hints to the exercise on the next slide

Please try to solve the exercise by yourself first...

Exercise Swap Name Hints

- Declare two char arrays of size 11 (extra 1 char for null terminator)
- Declare integer vars for counter and num of names
- Read num
- Use for to loop num times
  - Use scanf, "%s", and the array of chars: first, last to read the names remember not to use &
  - Use printf, "%s", \n, and swap the array variables: last, first to print the swapped names