20.16 LAB: Ticketing service (Queue)

Given main(), complete the program to add people to a queue. The program should read in a list of people's names including "You" (ending with -1), adding each person to the **peopleInQueue** queue. Then, remove each person from the queue until "You" is at the head of the queue. Include print statements as shown in the example below.

Ex. If the input is:

Zadie Smith

Tom Sawyer

You

Louisa Alcott

-1

the output is:

Welcome to the ticketing service...

You are number 3 in the queue.

Zadie Smith has purchased a ticket.

You are now number 2

Tom Sawyer has purchased a ticket.

You are now number 1

You can now purchase your ticket!