Shared Queue Parallel Pizza-Eating Algorithm (with Barrier and Leader-Worker)			
Define N: How many slices of pizza?	N:		
Define P: How many people?	P:		
Define LEADER (a value from 0P-1).	LEADER:		

3.	Define LEADER (a value from 0P-1). LEA	DER:
1.	Get your own personal, unique id number (0P-1)	id:
5.	If id == LEADER: - Create an empty, shared queue q, capacity N - While the pizza box is not empty: a. Get a slice of pizza from the box	q:

- b. Append that slice to the queue q.6. BARRIER (wait here until all PEs arrive).
- 7. While q is not empty:

 a. Try to remove a slice of pizza from q

 b. If successful, eat that slice.

Parallel Pizzeria

Penelope's