

Simple Parallel Pizza-Eating Algorithm (performed by each person)

1. Define N: How many slices of pizza?

N: 16

2. Define P: How many people?

P: 1

3. Compute slices per person (N/P).

slicesPP: 16

4. Get your own personal, unique id number (0..P-1).

id: 0

5. Assign each slice of pizza a unique number (0..N-1).

6. Compute your starting slice number (id * slicesPP). start: 0

7. Compute your stopping slice number (start + slicesPP). stop: 16

8. For (s = start; s < stop; ++s):

Eat slice s.

s (slice #s eaten): 0-15

0	1	2	3
4	5	6	7
8	9	10	11
12	13	14	15