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1. Process each item in a sequence

- Compute aggregate statistics for a dataset, such as the mean, median, standard deviation, etc.
- Send everyone in a Facebook group an appointment time

2. Perform *n* trials or get *n* samples.

- A4: draw a triangle six times to make a hexagon
- Run a protein-folding simulation for 10⁶ time steps

3. Do something an unknown number of times

 CUAUV team, vehicle keeps moving until reached its goal

