1. Finish any lingering questions about last tutorial’s exercises.

2. Prove by induction that, for any natural number $n$, the sum of the naturals from 0 to $n$ (i.e. $0 + 1 + 2 + \ldots + n$) is $\frac{n(n+1)}{2}$.
   Clearly and explicitly structure your inductive proof:
   - Define a predicate $P$ whose domain is the natural numbers such that you are proving $P$ holds for every natural number.
   - Label your base case or base cases.
   - Label your inductive hypothesis (IH) and every place where you use it.
   - Label your inductive step.

3. Quiz will be closely related to one of the tutorial exercises from last week or this week.