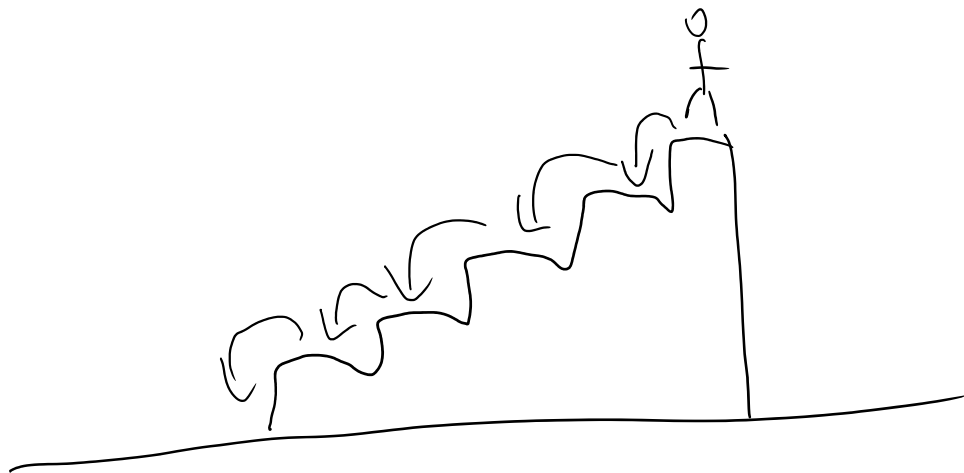
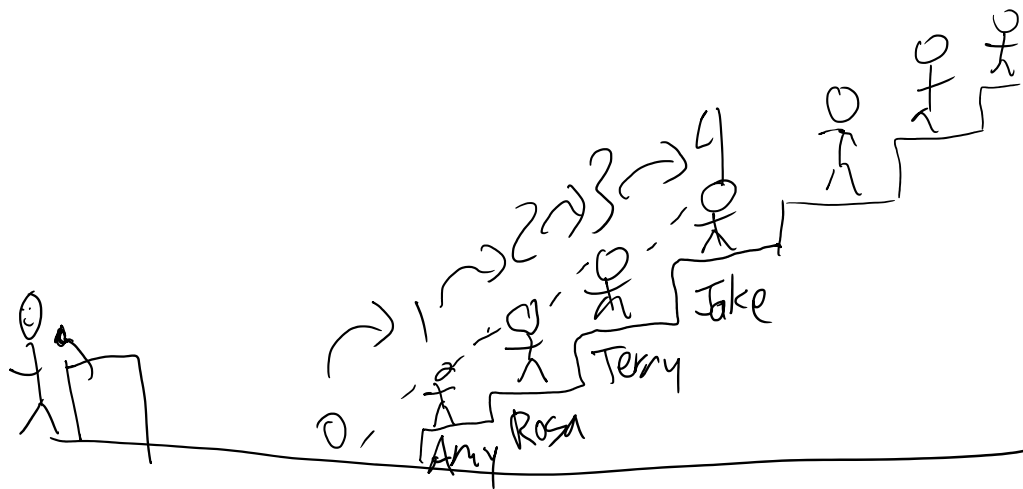


Recursion vs. Iteration

- Functional
- Procedural
- Loops

---



How to go down 1 step

How to realize I'm at the bottom



Recursive case



Base case

---

General Code structure for recursive problems

```
if (simplest case) {           //Base Case
    compute and return solution
} else {                       // Recursive case
    chip off smallest bit of work
    solve remaining subproblem recursively
    assemble into overall solution
}
```