**HashMap Complexities**

* HashMaps generally have O(1) time complexity to ADD;
* HashMaps generally have O(1) time complexity to GET;

**Saving Time Complexity**

* For searching-related questions, try creating extra memory on things you’ve already know (sacrifice space complexity) for better time performance

**Branch on Failure**

A popular approach for designing your for and while loops.

**Reversing a Linked List**