NEWSLETTER SYSTEMDESIGN ONE

- 1. UNDERSTAND THE REQUIREMENTS AND WRITE DOWN IMPORTANT KEYWORDS
- 2. REFRAME THE QUESTION TO MAKE SURE YOU UNDERSTAND IT
- 3. ASK FOR EDGE CASES IN THE INPUT
- 4. EXPLAIN THE BRUTE FORCE SOLUTION IN LESS THAN A MINUTE
- 5. EXPLAIN THE OPTIMAL SOLUTION AND QUICKLY DISCUSS ITS ASYMPTOTIC COMPLEXITY
- 6. ASK IF THE OPTIMAL SOLUTION IS ACCEPTABLE
- 7. WRITE CODE IN THE LANGUAGE YOU KNOW BEST
- 8. DRY RUN THE CODE LINE BY LINE TO CHECK FOR **MISTAKES**
- 9. REWRITE CODE TO COVER EDGE AND BASE CASES IF NEEDED
- 10. REVIEW THE SOLUTION'S ASYMPTOTIC COMPLEXITY
- 11. ASK IF TESTS OR CONCURRENCY CASES ARE NEEDED
- 12. ASK FOR THE INTERUIEWER'S FEEDBACK

TIP: COMMUNICATE YOUR THOUGHTS WHILE CODING THE SOLUTION

