Must-Do Trie Problems for FAANG Interviews

1. Basic Trie Construction & Search

- Implement Trie (Prefix Tree) (LC 208)
- Add and Search Word - Word Dictionary (LC 211)
- Design Word Dictionary (Variant of LC 211)
- Trie Insert and Search (GFG)

2. Word Search / Dictionary Problems

- Word Search II (LC 212)
- Replace Words (LC 648)
- Implement Magic Dictionary (LC 676)
- Longest Word in Dictionary (LC 720)

3. Prefix & Suffix Related

- Maximum XOR of Two Numbers in an Array (LC 421)
- Maximum XOR With an Element From Array (LC 1707)
- Map Sum Pairs (LC 677)
- Prefix and Suffix Search (LC 745)

4. Advanced / Hard Applications

- Palindrome Pairs (LC 336)
- Word Break II (LC 140) – can be solved with Trie + DP
- Concatenated Words (LC 472)
- Stream of Characters (LC 1032)

Top 12 Must-Solve (If Time is Short)

1. Implement Trie (LC 208)

2. Add and Search Word (LC 211)

3. Word Search II (LC 212)

4. Replace Words (LC 648)

5. Longest Word in Dictionary (LC 720)

6. Map Sum Pairs (LC 677)

7. Maximum XOR of Two Numbers (LC 421)

8. Prefix and Suffix Search (LC 745)

9. Palindrome Pairs (LC 336)

10. Concatenated Words (LC 472)

11. Stream of Characters (LC 1032)

12. Word Break II (LC 140, Trie+DP)