

Test cases

*Test Case 1

Input: [{'D', 'K'}, {'D', 'W'}, {'D'}]

Decoded: "cab"

Closest match: "cat" (Levenshtein distance = 1)

*Test Case 2

Input: [{'D', 'K'}, {'D'}, {'D', 'W'}]

Decoded: "cba"

Suggestion: "cab" or "cat"

*Test Case 3

Input with extra key: [{'D', 'K', 'P'}, {'D', 'W'}, {'D'}]

Corrected to "cab" → Suggest "cat"