Python Interview Coding Questions

1. **Reverse the order of words in a sentence without using** `split()` **or** `reversed()`.

2. **Check if a given string is a valid palindrome** (ignore spaces, punctuation, and case).

3. **Implement a custom sorting function** to sort a list of dictionaries by multiple keys.

4. **Find the longest word in a given sentence** without using `max()` or built-in sort.

5. **Check if a string has balanced brackets** (supports `()`, `{}`, `[]`).

6. **Remove all occurrences of a given element from a list** without using `remove()` or `filter()`.

7. **Count how many words in a sentence are palindromes.**

8. **Flatten a list with unknown depth** (without recursion limit issues).

9. **Check if two words are "meta strings"** (can be made equal by exactly one swap of characters).

10. **Find the most frequent word in a given text** (ignore case and punctuation).