

```
public static String sort(String word) {  
    StringBuilder builder = new StringBuilder(word);  
    for (int i = 1; i < builder.length(); i++) {  
        char temp = builder.charAt(i);  
        int j = i;  
        while (j > 0 && builder.charAt(j - 1) > temp) {  
            builder.setCharAt(j, builder.charAt(j - 1));  
            j--;  
        }  
        builder.setCharAt(j, temp);  
    }  
    return builder.toString();  
}  
  
public static boolean isAnagram(String word1, String word2) {  
    if (word1.length() != word2.length()) {  
        return false;  
    }  
    word1 = sort(word1);  
    word2 = sort(word2);  
  
    for (int i = 0; i < word1.length(); i++) {  
        if (word1.charAt(i) != word2.charAt(i)) {  
            return false;  
        }  
    }  
    return true;  
}
```