Group.	Anagrams

For this problem we need to grow words that are anograms of each other

Key Schea:

Two strings are anagrams if they have the same charecter counts. Common opproaches:

1. Fort characters in each string > use as key. 1. Use character frequency (16-length vector)—uxes key.

Assisach 1: Isting Ken: Algerethm:

· For each string:

1. Sort the characters - forms a cononical key

2. Place string in a hash may grouped by this key.

· Return grouped values.

[Approach: Frequency Esunt Key (Ostimized).

Example: "eat" -> 1#0#0# . #1#_#1 (for a, e, t)
- Avoid sorting (O(k log k)) -> O(k) per string.

Complexity:

Approach 1: Time: O(N+Klogk) (K= max wad length)

Spece: D(N*K)

Approach Z; "Time: D(NEK)

· foce: U(N*26)