CODE 3:

import java.util.HashMap;

class Main {

public static int countWords(String str) {

String[] words = str.split("\\s+");

HashMap<String, Integer> wordCount = new HashMap<>();

for (String word : words) {

if (wordCount.containsKey(word)) {

wordCount.put(word, wordCount.get(word) + 1);

} else {

wordCount.put(word, 1);

}

}

int ans = 0;

for (String key : wordCount.keySet()) {

ans += wordCount.get(key);

}

return ans;

}

public static void main(String[] args) {

String str = "This is a test string with duplicate words test test words";

int ans = countWords(str);

System.out.println(ans);

}

}