**Length of Last Word**

It’s a word is a maximal substring consisting of non-space characters which involves string manipulation, such as trimming, splitting, and obtaining the length of a substring.

1. **Problem solving:**

**Trimming the Input:**

The first step is to trim any leading or trailing whitespaces from the input string. This is important because spaces at the beginning or end should not affect the length of the last word.

**Splitting the String:**

The next step is to split the trimmed string into an array of words. The split is done using the space character (' ') as the delimiter.

**Getting the Last Word:**

Once we have an array of words, we can retrieve the last element of the array. This represents the last word in the original string.

**Returning the Length:**

Finally, the function returns the length of the last word.

1. **Flow chart**

**start**

**Input**

**Trimming**

**Splitting**

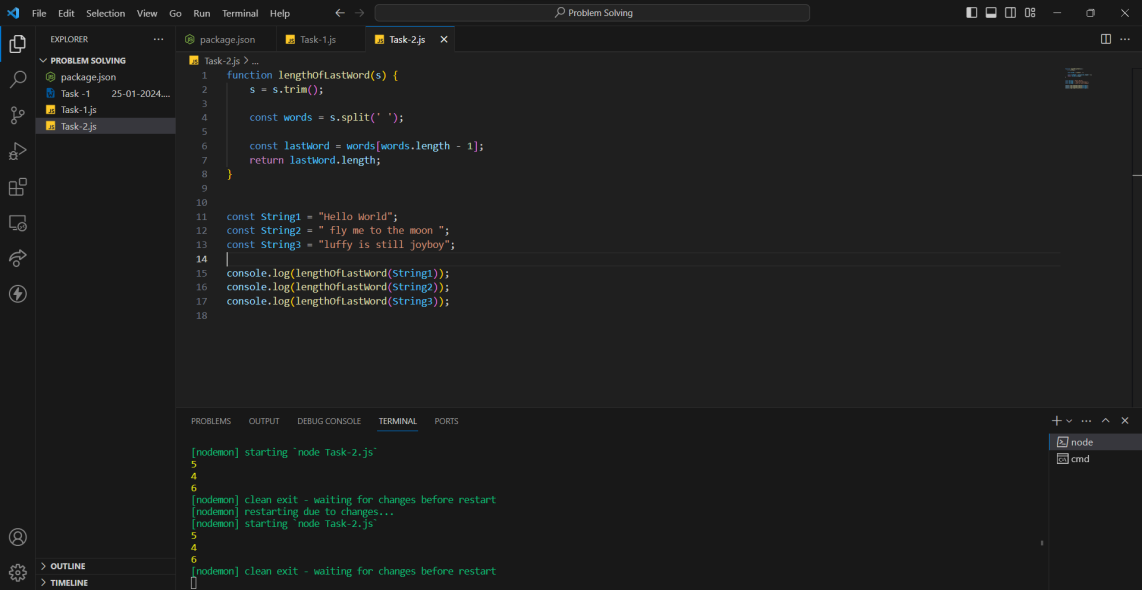
**Getting last word**

**Length calculation**

**output**

**End**

1. **Output**

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