Homework Assignment 2
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1. Count the Words

Create a function named countWords which takes two parameters; string, searchTerm and returns the total occurencies of the given searchTerm.

countWords(*"hallo world the weather is sunny today? Let us go to the beach today."*, *"today"*) would return **2**

Use the functions that you learned today and please do not google.

2. Email Address Validator

Create a function validateEmailAddress with one parameter *email* that returns true if the string *email* meets all of the following conditions.

1. it consists of only one @

2. the part left of the @

 – has maximum 32 characters, minimum 8 characters

 – does **not only** contain numbers, at least one character

 – does not contain $ or %

3. the part right of the @

 – Ends with either ".com", ".de" or ".org" (the domain name)

 – The part between @ and the domain name is maximum 16 characters, minimum 6 characters

   Again, please do not use Google. Use the functions that you learned today.