## Match Full Name

Write a program to **match full names** from a sequence of characters and **print** them on the console.

### Writing the Regular Expression

First, write a regular expression to match a valid full name, according to these conditions:

* A valid full name has the following characteristics:
  + It consists of **two words**.
  + Each word **starts** with a **capital letter**.
  + After the first letter, it **only contains lowercase letters afterwards**.
  + **Each** of the **two words** should be **at least two letters long**.
  + The **two words** are **separated** by a **single space**.

To help you out, we have outlined several steps:

1. Use the online regex tester like <https://pythex.org/>
2. Check out how to use **character sets** (denoted with square brackets - "[]")
3. Specify that you want **two words** with a space between them (the **space character '** **'**, and **not** any whitespace symbol)
4. For each word, specify that it should begin with an uppercase letter using a **character set**. The desired characters are in a range – **from** '**A**' **to** '**Z**'.
5. For each word, specify that what follows the first letter are only **lowercase letters**, one or more – use another character set and the correct **quantifier**.
6. To prevent capturing of letters across new lines, put "\b" at the beginning and at the end of your regex. This will ensure that what precedes and what follows the match is a word boundary (like a new line).

To check your RegEx, use these values for reference (paste all of them in the **Test String** field):

|  |  |
| --- | --- |
| **Match ALL of these** | **Match NONE of these** |
| Peter Smith | peter smith Peter smith peter Smith PEter Smi7h Peter SmIth |