Create a function that returns true if a string contains any spaces.

\*\* Examples

hasSpaces("hello") ➞ false

hasSpaces("hello, world") ➞ true

hasSpaces(" ") ➞ true

hasSpaces("") ➞ false

hasSpaces(",./!@#") ➞ false

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Create a function that takes a string and returns the number (count) of vowels contained within it.

\*\* Examples

countVowels("Celebration") ➞ 5

countVowels("Palm") ➞ 1

countVowels("Prediction") ➞ 4

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Create a function that takes a string and character as arguments and replaces all the vowels in a string with character.

\*\* Examples

replaceVowels("the aardvark", "#") ➞ "th# ##rdv#rk"

replaceVowels("minnie mouse", "?") ➞ "m?nn?? m??s?"

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Create a function that takes an input (e.g. "5 + 4") and returns true if it's a mathematical expression or false if not.

mathExpr("4 + 5") ➞ true

mathExpr("4\*6") ➞ true

mathExpr("4\*no") ➞ false

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Create a function that takes a string as argument and return whether a string contains the characters "a" and "c" (in that order) with any number of characters (including zero) between them

Use the .test() method in your function

asterisk("bbbccount") ➞ false

asterisk("abbbccount") ➞ true

asterisk("abccount") ➞ true

asterisk("account") ➞ true

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Create a function that takes a string as argument and write a regular expression that matches a string if and only if it is a valid zip code

Zip Codes must be 5 digits long exactly and only contain numbers.

"20438" ➞ true

"1#368" ➞ false

"202801" ➞ false