

# Learning Literal Matches and Character Patterns

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These activities will help you practice the regex tools we just learned.

## Match Literal Strings

**Task:** Write a regex pattern to match the word "banana" in a given string. **Sample string:** "I bought a banana from the store." **Expected output:** Match the word "banana".

## Match a Literal String with Different Possibilities

**Task:** Write a regex pattern to match either "cat" or "dog" in a given string. **Sample string:** "I have a cat and a dog at home." **Expected output:** Match cat "cat" or "dog".

## Ignore Case While Matching

**Task:** Write a regex pattern to match the word "apple" regardless of case sensitivity in a given string. **Sample string:** "I like Apples, apples, and APPLES." **Expected output:** Match all occurrences of "apple" regardless of case.

## Find More Than the First Match

**Task:** Write a regex pattern to find all occurrences of the word "book" in a given string. **Sample string:** "I read a book, then another book, and finally bought a new book." **Expected output:** Match all occurrences of "book".

## Match Single Character with Multiple Possibilities

**Task:** Write a regex pattern to match any vowel (a, e, i, o, u) in a given string. **Sample string:** "The quick brown fox jumps over the lazy dog." **Expected output:** Match all vowels present in the string.