

More Regex Activities

These activities will help you practice the concepts discussed in today's lecture.

Match Specific Letters/Characters

Activity: Write a regex pattern to match words that start with the letter "s" and end with the letter "t" in a given string. **Sample string:** "The sunset was beautiful." **Expected output:** Match "sunset". **HINT:** Explore the word boundary `\b` for help with this.

Explore Lazy Matching

Activity: Explore lazy matching by comparing it with greedy matching in regex. **Task:** Write two regex patterns to extract HTML tags from an HTML string—one using greedy matching and the other using lazy matching. **Sample string:** "

Hello

" **Expected output:** For greedy matching, match "

Hello

". For lazy matching, match each individual tag ("

", "

", "

", "

").

Master Quantifier Usage:

Activity: Practice using quantifiers to match specific patterns. **Task:** Write a regex pattern to match a valid email address. **Sample string:** "Email me at john@example.com or jane.doe@test.co.uk." **Expected output:** Match "john@example.com" and "jane.doe@test.co.uk". **HINT:** Explore matching a specific number of occurrences `{n}` for help with this.