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import java.util.regex.Pattern;
import java.util.regex.Matcher;

public class RegexeFindText {
    public static void main(String[] args) {

        // Input for matching the regex pattern
        String input = "This is an apple. These are 33 (thirty-three)
apples";
        // Regexe to be matched
        String regexe = "Th";

        // Step 1: Allocate a Pattern object to compile a regex
        Pattern pattern = Pattern.compile(regexe);
        //Pattern pattern = Pattern.compile(regexe,
Pattern.CASE_INSENSITIVE); // case-insensitive matching

        // Step 2: Allocate a Matcher object from the compiled regex
pattern,
        // and provide the input to the Matcher
        Matcher matcher = pattern.matcher(input);

        // Step 3: Perform the matching and process the matching result

        // Use method find()
        while (matcher.find()) { // find the next match
            System.out.println("find() found the pattern \"" +
matcher.group()
            + "\" starting at index " + matcher.start()
            + " and ending at index " + matcher.end());
        }

        // Use method matches()
        if (matcher.matches()) {
            System.out.println("matches() found the pattern \"" +
matcher.group()
            + "\" starting at index " + matcher.start()
            + " and ending at index " + matcher.end());
        } else {
            System.out.println("matches() found nothing");
        }

        // Use method lookingAt()
        if (matcher.lookingAt()) {
            System.out.println("lookingAt() found the pattern \"" +
matcher.group()
            + "\" starting at index " + matcher.start()
            + " and ending at index " + matcher.end());
        } else {
            System.out.println("lookingAt() found nothing");
        }
    }
}

```