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

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

          // Input for matching the regexe 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 regexe
          //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
regexe 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("Method 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("Method 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("Method lookingAt() found
nothing");
            }
        }
}
```