1. Word Frequency Counter

```
import java.util.HashMap;
import java.util.Map;

public class WordFrequency {

    public static Map<String, Integer> countWords(String text) {
        Map<String, Integer> wordCounts = new HashMap<>();
        for (String word : text.toLowerCase().split("\\W+")) {
            if (wordCounts.containsKey(word)) {
                wordCounts.put(word, wordCounts.get(word) + 1);
            } else {
                wordCounts.put(word, 1);
            }
        }
        return wordCounts;
    }

    public static void main(String[] args) {
        String text = "This is a sample text to count word frequencies.";
        Map<String, Integer> wordCounts = countWords(text);
        System.out.println(wordCounts);
    }
}
```

2. Palindrome Checker

```
public class PalindromeChecker {


    public static boolean isPalindrome(String word) {
        String lowercasedWord = word.toLowerCase();
        int left = 0;
        int right = lowercasedWord.length()- 1;
        while (left < right) {
            if (lowercasedWord.charAt(left) !=
lowercasedWord.charAt(right)) {
                return false;
            }
            left++;
            right--;
        }
        return true;
    }


    public static void main(String[] args) {
        String word = "racecar";
        if (isPalindrome(word)) {
            System.out.println(word + " is a palindrome.");
        } else {
```

```
            System.out.println(word + " is not a palindrome.");
        }
    }
}
```

3. List Square Printer

```
public class ListSquares {

    public static void printSquares(int[] numbers) {
        for (int number : numbers) {
            System.out.println(number * number);
        }
    }

    public static void main(String[] args) {
        int[] numbers = {1, 2, 3, 4, 5};
        printSquares(numbers);
    }
}
```