1. Scrabble scoring (Chapter 8, exercise 5, page 286)
In most word games, each letter in a word is scored according to its point value, which is inversely proportional to its frequency in English words. In Scrabble, the points are allocated as follows:

<table>
<thead>
<tr>
<th>Points</th>
<th>Letters</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A, E, I, L, N, O, R, S, T, U</td>
</tr>
<tr>
<td>2</td>
<td>D, G</td>
</tr>
<tr>
<td>3</td>
<td>B, C, M, P</td>
</tr>
<tr>
<td>4</td>
<td>F, H, V, W, Y</td>
</tr>
<tr>
<td>5</td>
<td>K</td>
</tr>
<tr>
<td>8</td>
<td>J, X</td>
</tr>
<tr>
<td>10</td>
<td>Q, Z</td>
</tr>
</tbody>
</table>

For example, the Scrabble word FARM is worth 9 points: 4 for the F, 1 each for the A and the R, and 3 for the M. Write a ConsoleProgram that reads in words and prints out their score in Scrabble, not counting any of the other bonuses that occur in the game. You should ignore any characters other than uppercase letters in computing the score. In particular, lowercase letters are assumed to represent blank tiles, which can stand for any letter but which have a score of 0.

2. Adding commas to numeric strings (Chapter 8, exercise 13, page 290)
When large numbers are written out on paper, it is traditional—at least in the United States—to use commas to separate the digits into groups of three. For example, the number one million is usually written in the following form:

\[1,000,000\]

To make it easier for programmers to display numbers in this fashion, implement a method

```java
private String addCommasToNumericString(String digits)
```

that takes a string of decimal digits representing a number and returns the string formed by inserting commas at every third position, starting on the right. For example, if you were to execute the main program

```java
public void run() {
    while (true) {
        String digits = readLine("Enter a numeric string: ");
        if (digits.length() == 0) break;
        println(addCommasToNumericString(digits));
    }
}
```

your implementation of the `addCommasToNumericString` method should be able to produce the following sample run:
3. Deleting characters from a string

Write a method

```
public String removeAllOccurrences(String str, char ch)
```

that removes all occurrences of the character `ch` from the string `str`. For example, your method should return the values shown:

```
removeAllOccurrences("This is a test", 't') returns "This is a es"
removeAllOccurrences("Summer is here!", 'e') returns "Summr is hr"
removeAllOccurrences("---0---", '-') returns "0"
```