When needed, use the following methods in assignment 2.

N.B. For the following methods to work, the delimiter of the Scanner-object has to be set to the empty String by calling the useDelimiter() method.

```
// Method to read 1 character.
char nextChar (Scanner in) {
    return in.next().charAt(0);
}
```

The three methods below have in common that they do not read a character from input, but return a Boolean indicating whether a specific character could be read with nextChar()
.

```
// Method to check if the next character to be read when
// calling nextChar() is equal to the provided character.
boolean nextCharIs(Scanner in, char c) {
    return in.hasNext(Pattern.quote(c+""));
}
```

To be able to use the class Pattern, include the following import in your program: import java.util.regex.Pattern;

```
// Method to check if the next character to be read when
// calling nextChar() is a digit.
boolean nextCharIsDigit (Scanner in) {
    return in.hasNext("[0-9]");
}
```

```
// Method to check if the next character to be read when
// calling nextChar() is a letter.
boolean nextCharIsLetter (Scanner in) {
    return in.hasNext("[a-zA-Z]");
}
```