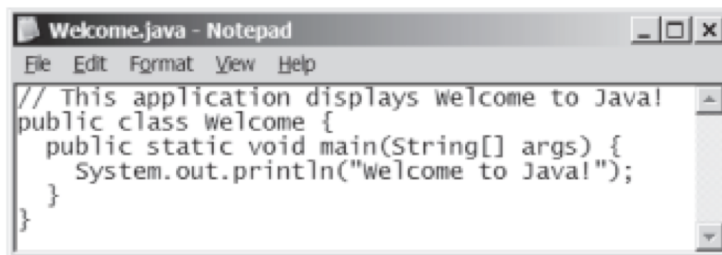


# Exercise 09

21.5 (Syntax highlighting) Write a program that converts a Java file into an HTML file. In the HTML file the key words, comments, and literals are displayed in bold navy, green, and blue, respectively. Use the command line to pass a java file and an HTML file. For example, the following command

```
java Exercise21_05 Welcome.java Welcome.html
```

Converts Welcome.java into Welcome.html.



A screenshot of a Notepad window titled 'Welcome.java - Notepad'. The menu bar includes File, Edit, Format, View, and Help. The text area contains the following Java code in plain text:

```
// This application displays welcome to Java!  
public class Welcome {  
    public static void main(String[] args) {  
        System.out.println("Welcome to Java!");  
    }  
}
```

(a)



A screenshot of a Firefox browser window displaying the file 'file:///c:/exercise/Welcome.html'. The address bar shows the file path. The content area displays the same Java code as in (a), but with syntax highlighting: comments are in green, keywords are in bold navy, and literals are in blue.

```
// This application displays Welcome to Java!  
public class Welcome {  
    public static void main(String[] args) {  
        System.out.println("Welcome to Java!");  
    }  
}
```

(b)

**FIGURE 21.8** The Java code in plain text in (a) is displayed in HTML with syntax highlighted in (b). *Source:* Copyright © 1995–2016 Oracle and/or its affiliates. All rights reserved. Used with permission.