```
 1: // $Id: i18nmonth.java,v 1.4 2013-04-11 14:51:27-07 - - $
 2: //
 3: // NAME
 4: //     i18nmonth - print out the days of this month in a language
 5: //
 6: // SYNOPSIS
 7: //     i18nmonth [language]
 8: //
 9: // DESCRIPTION
10: //     Prints out (in sloppy but easy to program format) one line
11: //     for each day in the month.  A language code may be specified.
12: //     The associated program LocaleInfo.java prints out language
13: //     codes known to Java.
14: //
15: //     ISO-639 language codes and ISO-3166 country codes are at:
16: //     http://www.ics.uci.edu/pub/ietf/http/related/iso639.txt
17: //     http://userpage.chemie.fu-berlin.de/diverse/doc/ISO_3166.html
18: //
19: //     Format string syntax is described at:
20: //     http://java.sun.com/j2se/1.5.0/docs/api/java/util/Formatter.html
21: //
22:
23: import java.util.GregorianCalendar;
24: import java.util.Locale;
25: import static java.lang.System.*;
26:
27: class i18nmonth {
28:
29:     public static void main (String[] args) {
30:
31:         // Get the locale from args[0]
32:         Locale locale = args.length == 0
33:                       ? Locale.getDefault()
34:                       : new Locale (args[0]);
35:
36:         // Get the calendar for the current day.
37:         GregorianCalendar cal = new GregorianCalendar();
38:
39:         // Back up to the first day of the month.
40:         int today = cal.get (GregorianCalendar.DAY_OF_MONTH);
41:         cal.add (GregorianCalendar.DAY_OF_MONTH, 1 - today);
42:
43:         // Loop, printing out every day of this month.
44:         for (int thismonth = cal.get (GregorianCalendar.MONTH);
45:              thismonth == cal.get (GregorianCalendar.MONTH);
46:              cal.add (GregorianCalendar.DAY_OF_MONTH, 1)
47:         ) {
48:            out.printf (locale, "%s: %tY %<tB %<2te => %<tA (%d).%n",
49:                        locale.getDisplayLanguage(), cal,
50:                        cal.get (GregorianCalendar.DAY_OF_WEEK));
51:         }
52:     }
53:
54: }
55:
56: //TEST// i18nmonth de >i18nmonth.de.out
57: //TEST// i18nmonth en >i18nmonth.en.out
58: //TEST// i18nmonth es >i18nmonth.es.out
```

```
59: //TEST// i18nmonth fr >i18nmonth.fr.out
60: //TEST// mkpspdf i18nmonth.ps i18nmonth.java* i18nmonth.*.out
61:
```

```
1: @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@ mkc: starting i18nmonth.java
2: i18nmonth.java:
3:      $Id: i18nmonth.java,v 1.4 2013-04-11 14:51:27-07 - - $
4: javac -Xlint i18nmonth.java
5: jar cfm i18nmonth Manifest i18nmonth.class
6: chmod +x i18nmonth
7: rm -f i18nmonth.class
8: @@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@ mkc: finished i18nmonth.java
```

```
 1: German: 2015 Januar  1 => Donnerstag (5).
 2: German: 2015 Januar  2 => Freitag (6).
 3: German: 2015 Januar  3 => Samstag (7).
 4: German: 2015 Januar  4 => Sonntag (1).
 5: German: 2015 Januar  5 => Montag (2).
 6: German: 2015 Januar  6 => Dienstag (3).
 7: German: 2015 Januar  7 => Mittwoch (4).
 8: German: 2015 Januar  8 => Donnerstag (5).
 9: German: 2015 Januar  9 => Freitag (6).
10: German: 2015 Januar 10 => Samstag (7).
11: German: 2015 Januar 11 => Sonntag (1).
12: German: 2015 Januar 12 => Montag (2).
13: German: 2015 Januar 13 => Dienstag (3).
14: German: 2015 Januar 14 => Mittwoch (4).
15: German: 2015 Januar 15 => Donnerstag (5).
16: German: 2015 Januar 16 => Freitag (6).
17: German: 2015 Januar 17 => Samstag (7).
18: German: 2015 Januar 18 => Sonntag (1).
19: German: 2015 Januar 19 => Montag (2).
20: German: 2015 Januar 20 => Dienstag (3).
21: German: 2015 Januar 21 => Mittwoch (4).
22: German: 2015 Januar 22 => Donnerstag (5).
23: German: 2015 Januar 23 => Freitag (6).
24: German: 2015 Januar 24 => Samstag (7).
25: German: 2015 Januar 25 => Sonntag (1).
26: German: 2015 Januar 26 => Montag (2).
27: German: 2015 Januar 27 => Dienstag (3).
28: German: 2015 Januar 28 => Mittwoch (4).
29: German: 2015 Januar 29 => Donnerstag (5).
30: German: 2015 Januar 30 => Freitag (6).
31: German: 2015 Januar 31 => Samstag (7).
```

```
 1: English: 2015 January  1 => Thursday (5).
 2: English: 2015 January  2 => Friday (6).
 3: English: 2015 January  3 => Saturday (7).
 4: English: 2015 January  4 => Sunday (1).
 5: English: 2015 January  5 => Monday (2).
 6: English: 2015 January  6 => Tuesday (3).
 7: English: 2015 January  7 => Wednesday (4).
 8: English: 2015 January  8 => Thursday (5).
 9: English: 2015 January  9 => Friday (6).
10: English: 2015 January 10 => Saturday (7).
11: English: 2015 January 11 => Sunday (1).
12: English: 2015 January 12 => Monday (2).
13: English: 2015 January 13 => Tuesday (3).
14: English: 2015 January 14 => Wednesday (4).
15: English: 2015 January 15 => Thursday (5).
16: English: 2015 January 16 => Friday (6).
17: English: 2015 January 17 => Saturday (7).
18: English: 2015 January 18 => Sunday (1).
19: English: 2015 January 19 => Monday (2).
20: English: 2015 January 20 => Tuesday (3).
21: English: 2015 January 21 => Wednesday (4).
22: English: 2015 January 22 => Thursday (5).
23: English: 2015 January 23 => Friday (6).
24: English: 2015 January 24 => Saturday (7).
25: English: 2015 January 25 => Sunday (1).
26: English: 2015 January 26 => Monday (2).
27: English: 2015 January 27 => Tuesday (3).
28: English: 2015 January 28 => Wednesday (4).
29: English: 2015 January 29 => Thursday (5).
30: English: 2015 January 30 => Friday (6).
31: English: 2015 January 31 => Saturday (7).
```

```
 1: Spanish: 2015 enero  1 => jueves (5).
 2: Spanish: 2015 enero  2 => viernes (6).
 3: Spanish: 2015 enero  3 => sábado (7).
 4: Spanish: 2015 enero  4 => domingo (1).
 5: Spanish: 2015 enero  5 => lunes (2).
 6: Spanish: 2015 enero  6 => martes (3).
 7: Spanish: 2015 enero  7 => miércoles (4).
 8: Spanish: 2015 enero  8 => jueves (5).
 9: Spanish: 2015 enero  9 => viernes (6).
10: Spanish: 2015 enero 10 => sábado (7).
11: Spanish: 2015 enero 11 => domingo (1).
12: Spanish: 2015 enero 12 => lunes (2).
13: Spanish: 2015 enero 13 => martes (3).
14: Spanish: 2015 enero 14 => miércoles (4).
15: Spanish: 2015 enero 15 => jueves (5).
16: Spanish: 2015 enero 16 => viernes (6).
17: Spanish: 2015 enero 17 => sábado (7).
18: Spanish: 2015 enero 18 => domingo (1).
19: Spanish: 2015 enero 19 => lunes (2).
20: Spanish: 2015 enero 20 => martes (3).
21: Spanish: 2015 enero 21 => miércoles (4).
22: Spanish: 2015 enero 22 => jueves (5).
23: Spanish: 2015 enero 23 => viernes (6).
24: Spanish: 2015 enero 24 => sábado (7).
25: Spanish: 2015 enero 25 => domingo (1).
26: Spanish: 2015 enero 26 => lunes (2).
27: Spanish: 2015 enero 27 => martes (3).
28: Spanish: 2015 enero 28 => miércoles (4).
29: Spanish: 2015 enero 29 => jueves (5).
30: Spanish: 2015 enero 30 => viernes (6).
31: Spanish: 2015 enero 31 => sábado (7).
```

```
 1: French: 2015 janvier  1 => jeudi (5).
 2: French: 2015 janvier  2 => vendredi (6).
 3: French: 2015 janvier  3 => samedi (7).
 4: French: 2015 janvier  4 => dimanche (1).
 5: French: 2015 janvier  5 => lundi (2).
 6: French: 2015 janvier  6 => mardi (3).
 7: French: 2015 janvier  7 => mercredi (4).
 8: French: 2015 janvier  8 => jeudi (5).
 9: French: 2015 janvier  9 => vendredi (6).
10: French: 2015 janvier 10 => samedi (7).
11: French: 2015 janvier 11 => dimanche (1).
12: French: 2015 janvier 12 => lundi (2).
13: French: 2015 janvier 13 => mardi (3).
14: French: 2015 janvier 14 => mercredi (4).
15: French: 2015 janvier 15 => jeudi (5).
16: French: 2015 janvier 16 => vendredi (6).
17: French: 2015 janvier 17 => samedi (7).
18: French: 2015 janvier 18 => dimanche (1).
19: French: 2015 janvier 19 => lundi (2).
20: French: 2015 janvier 20 => mardi (3).
21: French: 2015 janvier 21 => mercredi (4).
22: French: 2015 janvier 22 => jeudi (5).
23: French: 2015 janvier 23 => vendredi (6).
24: French: 2015 janvier 24 => samedi (7).
25: French: 2015 janvier 25 => dimanche (1).
26: French: 2015 janvier 26 => lundi (2).
27: French: 2015 janvier 27 => mardi (3).
28: French: 2015 janvier 28 => mercredi (4).
29: French: 2015 janvier 29 => jeudi (5).
30: French: 2015 janvier 30 => vendredi (6).
31: French: 2015 janvier 31 => samedi (7).
```