```
 1  // joi/6/juno/HelpCommand.java
 2  //
 3  //
 4  // Copyright 2003, Ethan Bolker and Bill Campbell
 5
 6  import java.util.*;
 7
 8  /**
 9   * The Juno shell command to display help on the shell commands.
10   * Usage:
11   * <pre>
12   *     help
13   * </pre>
14   *
15   * @version 6
16   */
17
18  public class HelpCommand extends ShellCommand
19  {
20      /**
21       * Construct a HelpCommand object.
22       */
23
24      HelpCommand()
25      {
26          super( "display ShellCommands" );
27      }
28
29      /**
30       * Display help for all commands.
31       *
32       * @param args the remainder of the command line.
33       * @param sh the current shell
34       */
35
36      public void doIt( StringTokenizer args, Shell sh )
37      {
38          // Get command keys from global table, print them out,
39          // followed by command's help string.
40
41          sh.getConsole().println( "shell commands" );
42          ShellCommandTable table = sh.getSystem().getCommandTable();
43          String[] names = table.getCommandNames();
44          for (int i = 0; i < names.length; i++ ) {
45              String cmdname = names[i];
46              ShellCommand cmd = table.lookup( cmdname );
47              sh.getConsole().
48                  println( "  " + cmdname + ": " + cmd.getHelpString() );
49          }
50      }
51  }
```