```java
 1  // joi/10/juno/HelpCommand.java
 2  //
 3  //
 4  // Copyright 2003, Bill Campbell and Ethan Bolker
 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 10
16   */
17
18  public class HelpCommand extends ShellCommand
19  {
20      HelpCommand()
21      {
22          super( "display ShellCommands" );
23      }
24
25      /**
26       * Print out help for all commands.
27       *
28       * @param args  the remainder of the command line.
29       * @param sh    the current shell
30       *
31       * @exception JunoException for reporting errors
32       */
33      public void doIt( StringTokenizer args, Shell sh )
34          throws JunoException
35      {
36          // Get command keys from global table, print them out.
37
38          sh.getConsole().println( "shell commands" );
39          ShellCommandTable table = sh.getSystem().getCommandTable();
40          String[] names = table.getCommandNames();
41          for (int i = 0; i < names.length; i++ ) {
42              String cmdname = names[i];
43              ShellCommand cmd =
44                  (ShellCommand) table.lookup( cmdname );
45              sh.getConsole().
46                  println( "  " + cmdname + ": " + cmd.getHelpString() );
47          }
48      }
49  }
50
```