

```
1 package utility;
2
3 import java.awt.AWTException;
4 import java.awt.Robot;
5 import java.awt.event.KeyEvent;
6
7 /**
8  *
9  * @author Chew Lip Sin
10 */
11 public class Command {
12
13     public static void pressEnterToContinue() {
14         System.out.println("Press Enter key to continue...");
15         try {
16             System.in.read();
17         } catch (Exception e) {
18         }
19     }
20
21     public static void cls() {
22         try {
23             Robot robot = new Robot();
24             robot.setAutoDelay(10);
25             robot.keyPress(KeyEvent.VK_CONTROL);
26             robot.keyPress(KeyEvent.VK_L);
27             robot.keyRelease(KeyEvent.VK_CONTROL);
28             robot.keyRelease(KeyEvent.VK_L);
29         } catch (AWTException ex) {
30         }
31     }
32
33     public static void progressPercentage(int remain, int total) {
34         if (remain > total) {
35             throw new IllegalArgumentException();
36         }
37         int maxBareSize = 10; // 10unit for 100%
38         int remainProcent = ((100 * remain) / total) / maxBareSize;
39         char defaultChar = '-';
40         String icon = "*";
41         String bare = new String(new char[maxBareSize]).replace('\0', defaultChar) + "]";
42         StringBuilder bareDone = new StringBuilder();
43         bareDone.append("[");
44         for (int i = 0; i < remainProcent; i++) {
45             bareDone.append(icon);
46         }
47     }
48 }
```

```
47     String bareRemain = bare.substring(remainProcent, bare.length());
48     System.out.print("\r" + bareDone + bareRemain + " " + remainProcent * 10 + "%");
49     if (remain == total) {
50         System.out.print("\n");
51     }
52 }
53
54 }
```