

```
1.  /**
2.   * argv-0.c
3.   *
4.   * David J. Malan
5.   * malan@harvard.edu
6.   *
7.   * Prints program's first command-line argument; assumes it's present.
8.   *
9.   * Demonstrates use of argv.
10.  */
11.
12. #include <cs50.h>
13. #include <stdio.h>
14.
15. int main(int argc, string argv[])
16. {
17.     printf("%s\n", argv[1]);
18. }
```

```
1.  /**
2.   * argv-1.c
3.   *
4.   * David J. Malan
5.   * malan@harvard.edu
6.   *
7.   * Prints command-line arguments, one per line.
8.   *
9.   * Demonstrates use of argv.
10.  */
11.
12. #include <cs50.h>
13. #include <stdio.h>
14.
15. int main(int argc, string argv[])
16. {
17.     // print arguments
18.     for (int i = 0; i < argc; i++)
19.     {
20.         printf("%s\n", argv[i]);
21.     }
22. }
```

```
1.  /**
2.   * argv-2.c
3.   *
4.   * David J. Malan
5.   * malan@harvard.edu
6.   *
7.   * Prints command-line arguments, one character per line.
8.   *
9.   * Demonstrates argv as a two-dimensional array.
10.  */
11.
12. #include <cs50.h>
13. #include <stdio.h>
14. #include <string.h>
15.
16. int main(int argc, string argv[])
17. {
18.     // print arguments
19.     for (int i = 0; i < argc; i++)
20.     {
21.         for (int j = 0, n = strlen(argv[i]); j < n; j++)
22.         {
23.             printf("%c\n", argv[i][j]);
24.         }
25.         printf("\n");
26.     }
27. }
```

```
1. <!DOCTYPE html>
2.
3. <html>
4.   <head>
5.     <script src="https://code.jquery.com/jquery-1.11.1.min.js"></script>
6.     <script>
7.
8.       $(function() {
9.         $('.door').click(function() {
10.           $(this).removeClass('closed');
11.         });
12.       });
13.
14.     </script>
15.     <style>
16.
17.       body {
18.         background-color: #000;
19.       }
20.
21.       .closed {
22.         background-color: #fff;
23.       }
24.
25.       .door {
26.         color: #fff;
27.         font-family: sans-serif;
28.         font-size: 60px;
29.         font-weight: bold;
30.         height: 150px;
31.         padding-top: 50px;
32.         margin: 20px;
33.         text-align: center;
34.         width : 100px;
35.       }
36.
37.     </style>
38.     <title>doors-0</title>
39.   </head>
40.   <body>
41.     <table>
42.       <tr>
43.         <td><div class="closed door">15</div></td>
44.         <td><div class="closed door">23</div></td>
45.         <td><div class="closed door">16</div></td>
46.         <td><div class="closed door">8</div></td>
47.         <td><div class="closed door">42</div></td>
48.         <td><div class="closed door">50</div></td>
```

```
49.         <td><div class="closed door">4</div></td>
50.     </tr>
51. </table>
52. </body>
53. </html>
```

```
1. <!DOCTYPE html>
2.
3. <html>
4.   <head>
5.     <script src="https://code.jquery.com/jquery-1.11.1.min.js"></script>
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23.       }
24.
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29.         font-weight: bold;
30.         height: 150px;
31.         padding-top: 50px;
32.         margin: 20px;
33.         text-align: center;
34.         width : 100px;
35.       }
36.
37.     </style>
38.     <title>doors-1</title>
39.   </head>
40.   <body>
41.     <table>
42.       <tr>
43.         <td><div class="closed door">4</div></td>
44.         <td><div class="closed door">8</div></td>
45.         <td><div class="closed door">15</div></td>
46.         <td><div class="closed door">16</div></td>
47.         <td><div class="closed door">23</div></td>
48.         <td><div class="closed door">42</div></td>
```

```
49.         <td><div class="closed door">50</div></td>
50.         </tr>
51.     </table>
52. </body>
53. </html>
```

```
1. /**
2.  * hello-3.c
3.  *
4.  * David J. Malan
5.  * malan@harvard.edu
6.  *
7.  * Says hello to argv[1].
8.  *
9.  * Demonstrates a command-line argument.
10. */
11.
12. #include <cs50.h>
13. #include <stdio.h>
14.
15. int main(int argc, string argv[])
16. {
17.     printf("hello, %s\n", argv[1]);
18. }
```

```
1.  /**
2.   * hello-4.c
3.   *
4.   * David J. Malan
5.   * malan@harvard.edu
6.   *
7.   * Says hello to argv[1].
8.   *
9.   * Demonstrates a non-0 return value from main.
10.  */
11.
12. #include <cs50.h>
13. #include <stdio.h>
14.
15. int main(int argc, string argv[])
16. {
17.     if (argc == 2)
18.     {
19.         printf("hello, %s\n", argv[1]);
20.         return 0;
21.     }
22.     else
23.     {
24.         return 1;
25.     }
26. }
```