

```

1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>Responsive Navbar</title>
8     <link rel="stylesheet" href="Lesson_4.css">
9     <!-- This is from cdnjs https://cdnjs.com/libraries/font-awesome/5.15.4 -->
10    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/5.15.4/css/all.min.css">
11 </head>
12 <body>
13
14    <!--This is the menu, #links are placeholders -->
15    <div class="topnav" id="myTopnav">
16        <a href="#home" class="active">Home</a>
17        <a href="#news">News</a>
18        <a href="#contact">Contact</a>
19        <a href="#about">About</a>
20        <!-- The void 0 returns undefined and prevents another page opening up -->
21        <!-- myFunction is the function the link will call upon being clicked -->
22        <a href="javascript:void(0);" class="icon" onclick="myFunction()">
23            <!-- https://fontawesome.com/v5.15/icons/bars?style=solid -->
24            <i id="burger" class="fa fa-bars"></i>
25        </a>
26    </div>
27
28    <script>
29        // Javascript code, this will toggle the classname of myTopnav element
30        // if it is clicked, the responsive tag is added, if the tag is present it will
31        // remove it
32        function myFunction() {
33            var x = document.getElementById("myTopnav");
34            if (x.className === "topnav") {
35                x.className += " responsive";
36            } else {
37                x.className = "topnav";
38            }
39
40            //extra code to change the icon
41            var b = document.getElementById("burger");
42            if(b.className === "fa fa-bars") {
43                b.className = "fa fa-chevron-up";
44            } else {
45                b.className = "fa fa-bars"
46            }
47
48        }
49    </script>
50
51    <!-- This has been adapted from W3 Schools responsive navbar, have a look on the site for
more
52    examples. I have added an Icon change to show how extra code could be used to customise
this.
53 -->
54
55 </body>
56 </html>

```