
Series of practical exercises 3

Exercise 1:

1. Create a file **tp3.html**. Inside the **<body>** element:
 - Add a **<div>** with **class="top-bar"**.
 - Add a second **<div>** with **class="container"** containing:
 - A paragraph of text.
 - An unordered list with at least three items.
2. Create a CSS file named **mystyle.css** with the following rules:

```
1  body {
2      font-family: "Book Antiqua", "Arial";
3      margin: 0;
4  }
5
6  .top-bar {
7      position: fixed;
8      left: 0px;
9      top: 0px;
10     right: 0px;
11     height: 80px;
12     background-color: #22BBAA;
13     color: white;
14     line-height: 80px;
15     padding-left: 20px;
16 }
17
18 .container {
19     margin: 80px 100px 0px 100px;
20 }
21
22 .container p {
23     text-align: justify;
24 }
25
26 .container li:hover {
27     color: #22BBAA;
28     cursor: pointer;
29 }
```

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3. In the **<head>** section of **tp3.html**, add a **<link>** tag to reference **mystyle.css**.
 4. Open the page in a browser and verify:
 - The top bar stays fixed when scrolling.
 - The content does not overlap the top bar.
 - List items change color when hovered.
 5. Modify the CSS so that the top bar height changes to **60px** on screens smaller than **768px**.

Exercise 2:

1. Within the Top bar, add a `<ul>` list of 5 items, then assign class **"menu"** to `<ul>` and class **"menu-item"** to the items, then place `<a>` links inside the items.
2. Add the following styles to the **mystyle.css** stylesheet:

```
1  .menu {                                18  }
2      margin: 0px;                       19
3      padding: 0px 20px 0px 0px;         20  .menu-item a {
4      float: right;                      21      color: white;
5  }                                       22      padding: 20px 20px 0px 20px;
6                                         23      height: 40px;
7  .menu-item {                          24      display: inline-block;
8      background-color: #11AA99;         25      text-decoration: none;
9      height: 60px;                     26      text-transform: uppercase;
10     margin: 0px;                       27  }
11     padding: 0px;
12     border-radius: 0px 20px 0px 20
        px;
13     display: inline-block;
14 }
15
16 .menu-item:hover {
17     background-color: #008877;
```

3. Add content to the page so that the top menu items link to the corresponding section in page content
4. Convert the page to Arabic with right to left alignment.

Exercise 3:

Make the page responsive by displaying the navigation menu vertically and enabling a toggle (hamburger) menu on devices with screen widths smaller than 768 px.