

WEB DEVELOPMENT

QUIZ-2

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Section: v1

Q) Download the attached image and replicate the design using HTML, CSS.

Your design must be responsive. Use flexbox to make your webpage responsive for different screen sizes.

A) HTML CODE:

```
Quiz-2 > index.html > html > body > div.container > header.header
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Responsive Design</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <div class="container">
    <header class="header">
      <div class="header-top">
        <div class="black-circle"></div>
        <div class="black-circle"></div>
        <div class="black-circle"></div>
        <div class="black-circle"></div>
      </div>
    </header>
    <main class="main-content">
      <div class="screen"></div>
      <div class="circle"></div>
      <div class="buttons">
        <div class="button"></div>
        <div class="button"></div>
        <div class="button"></div>
        <div class="button"></div>
        <div class="button white"></div>
        <div class="button"></div>
        <div class="button"></div>
        <div class="button"></div>
        <div class="button"></div>
      </div>
    </main>
    <footer class="footer">
      <div class="footer-content">
        This website is created on the basis of the provided content and is responsive by using
      </div>
      <div class="footer-button">BB</div>
    </footer>
  </div>
</body>
</html>
```

CSS CODE:

```
Quiz-2 > # style.css > .header
1  /* styles.css */
2  body {
3      margin: 0;
4      font-family: Arial, sans-serif;
5  }
6
7  .container {
8      display: flex;
9      flex-direction: column;
10     align-items: center;
11     width: 100%;
12 }
13
14 .header {
15     width: 100%;
16     background-color: #d3d3d3;
17     display: flex;
18     justify-content: center;
19     padding: 10px 0;
20 }
21
22 .header-top {
23     display: flex;
24     gap: 10px;
25 }
26
27 .black-circles {
28     width: 20px;
29     height: 20px;
30     background-color: black;
31     border-radius: 50%;
32 }
33
34 .main-content {
35     background-color: #d3d3d3;
36     display: flex;
37     flex-direction: column;
```

```
36     display: flex;
37     flex-direction: column;
38     align-items: center;
39     padding: 20px;
40     gap: 20px;
41     width: 100%;
42     max-width: 500px;
43 }
44
45 .screen {
46     width: 200px;
47     height: 100px;
48     background-color: #d3d3d3;
49 }
50
51 .circle {
52     width: 100px;
53     height: 100px;
54     background-color: green;
55     border-radius: 50%;
56 }
57
58 .buttons {
59     display: flex;
60     flex-wrap: wrap;
61     gap: 10px;
62     justify-content: center;
63     width: 100%;
64 }
65
66 .button {
67     width: 80px;
68     height: 80px;
69     background-color: red;
70 }
71
```

```
71
72 .button.white {
73     background-color: white;
74 }
75
76 .footer {
77     background-color: grey;
78     width: 100%;
79     display: flex;
80     justify-content: center;
81     align-items: center;
82     padding: 20px;
83 }
84
85 .footer-content {
86     background-color: white;
87     padding: 10px;
88     flex-grow: 1;
89     text-align: center;
90 }
91
92 .footer-button {
93     background-color: burlywood;
94     width: 50px;
95     height: 50px;
96     border-radius: 50%;
97     display: flex;
98     justify-content: center;
99     align-items: center;
100     margin-left: 10px;
101 }
102
```