

In Reference to Code Attached

1. Every personality type has...
 - A. A different random colored background
 - B. The same random colored background
 - C. A background color of #f2f2f2
 - D. The same random color per each personality group
2. The website was designed mobile-first.
 - A. True
 - B. False
3. How are the personality types displayed on mobile?
 - A. They are in a 4x4 grid
 - B. They are in a 2x8 grid
 - C. They are in one column
 - D. Cannot be determined
4. What is the width of each personality type?
 - A. 90% of the browser window
 - B. 60% of the width of body
 - C. Autocalculated
 - D. 200px
5. There is a custom font being applied on the site.
 - A. True
 - B. False
6. How are the main links at the top of the page aligned relative to one another?
 - A. Left aligned, horizontal arrangement
 - B. Left aligned, vertical arrangement
 - C. Center aligned, horizontal arrangement
 - D. Center aligned, vertical arrangement
7. In general, how will hyperlink text change when a cursor hovers over it?
 - A. Their text will be bold
 - B. Their text color will change
 - C. Their background color will be red
 - D. Their background color will be yellow
8. From the code, it can be inferred that other web pages associated with this page are located where?
 - A. In the same directory as this HTML document
 - B. In the same subdirectory as each other
 - C. In separate subdirectories
 - D. In separate parent directories
9. How will paragraph text be positioned in relation to the personality types on desktop?
 - A. It will be positioned to the right side personalities
 - B. It will be positioned to the left side of the personalities
 - C. It will be positioned beneath the personalities
10. How is the first-level heading of the page styled?
 - A. Montserrat and bold
 - B. Arial and italicized
 - C. Montserrat and normal
 - D. Arial and normal
11. To have the footer appear at the very bottom of the browser window, we would need to change its position to...
 - A. Sticky
 - B. Absolute
 - C. Relative
 - D. It's already positioned correctly at the bottom
12. The Javascript contains no errors.
 - A. True
 - B. False

13. Clicking on each personality changes what part of the HTML?
- A. The footer text
 - B. The title text
 - C. The text of the element itself
 - D. It doesn't change the text of anything
14. The query selector for the ID "credit" can be replaced with which following line of code?
- A. `document.querySelector("span")`
 - B. `document.querySelector("credit")`
 - C. `document.querySelector("footer")`
 - D. All of the above
 - E. None of the above
15. How will the list of personality dichotomies be styled?
- A. Numbered, horizontal arrangement
 - B. Bulleted, horizontal arrangement
 - C. Numbered, vertical arrangement
 - D. Bulleted, vertical arrangement
16. There are no DOM Event Listeners utilized in the code
- A. True
 - B. False

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Myers-Briggs Personalities</title>
  <link rel="stylesheet" href="styles.css">
  <link
href="https://fonts.googleapis.com/css2?family=Montserrat:wght@400;700&display=swap"
rel="stylesheet">
  <style>
    body {font-family: "Montserrat", sans-serif;}
    #title {font-style: italic;}
  </style>
</head>

<body>
  <header>
    <h1 id="title">Myers-Briggs Personality Types</h1>
  </header>
  <nav>
    <ul>
      <li><a href="types/analysts.html">Analysts</a></li>
      <li><a href="types/dipomats.html">Diplomats</a></li>
      <li><a href="types/sentinels.html">Sentinels</a></li>
      <li><a href="types/explorers.html">Explorers</a></li>
    </ul>
  </nav>
  <main class="container">
    <section class="personalities">
      <div class="type analyst" id="intj" onclick="introverts()">INTJ</div>
      <div class="type diplomat" id="infp" onclick="introverts()">INFP</div>
      <div class="type diplomat" id="infj" onclick="introverts()">INFJ</div>
      <div class="type analyst" id="intp" onclick="introverts()">INTP</div>
      <div class="type sentinel" id="istj" onclick="introverts()">ISTJ</div>
      <div class="type sentinel" id="isfj" onclick="introverts()">ISFJ</div>
      <div class="type explorer" id="istp" onclick="introverts()">ISTP</div>
      <div class="type explorer" id="isfp" onclick="introverts()">ISFP</div>
      <div class="type analyst" id="entj" onclick="extroverts()">ENTJ</div>
      <div class="type diplomat" id="enfj" onclick="extroverts()">ENFJ</div>
      <div class="type analyst" id="entp" onclick="extroverts()">ENTP</div>
      <div class="type diplomat" id="enfp" onclick="extroverts()">ENFP</div>
      <div class="type sentinel" id="estj" onclick="extroverts()">ESTJ</div>
      <div class="type sentinel" id="esfj" onclick="extroverts()">ESFJ</div>
      <div class="type explorer" id="estp" onclick="extroverts()">ESTP</div>
      <div class="type explorer" id="esfp" onclick="extroverts()">ESFP</div>
    </section>
    <article>
      MBTI classifies personalities based on four dichotomies, each consisting of
      two opposite preferences:
      <ol>
        <li>Extraversion (E) / Introversion (I)</li>
        <li>Sensing (S) / Intuition (N)</li>
        <li>Thinking (T) / Feeling (F)</li>
        <li>Judging (J) / Perceiving (P)</li>
      </ol>
    </article>
  </main>
</body>
</html>
```

index.html

```
</article>
</main>

<footer>
  <p>© 2023 <span id=credit>Myers-Briggs Personalities</span></p>
</footer>

<script>
  let diplomats = document.querySelectorAll(".diplomat");
  let explorers = document.querySelectorAll(".explorer");
  let analysts = document.querySelectorAll(".analyst");
  let sentinels = document.querySelectorAll(".sentinel");
  let credit = document.getElementById("credit");

  function introverts(){
    credit.innerText = "Introverts are the best";
  }

  function extroverts(){
    credit.innerText = "Extroverts are the best";
  }

  function randomColor(){
    let randomHue = Math.floor(Math.random(0, 1) * 360);
    diplomats[0].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    diplomats[1].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    diplomats[2].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    diplomats[3].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";

    randomHue = Math.floor(Math.random(0, 1) * 360);
    explorers[0].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    explorers[1].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    explorers[2].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    explorers[3].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";

    randomHue = Math.floor(Math.random(0, 1) * 360);
    analysts[0].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    analysts[1].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    analysts[2].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    analysts[3].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";

    randomHue = Math.floor(Math.random(0, 1) * 360);
    sentinels[0].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    sentinels[1].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    sentinels[2].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
    sentinels[3].style.backgroundColor = "hsl(" + randomHue + ", 100%, 50%)";
  }

  randomColor();
</script>
</body>
</html>
```

```
body {
  font-family: Arial, sans-serif;
  width: 90%;
  margin: auto;
  padding: 0;
}

header {
  font-family: Arial, sans-serif;
  padding: 10px 0;
  text-align: center;
}

footer {
  text-align: center;
  margin-top: 50px;
}

.container {
  display: flex;
  justify-content: space-between;
}

ul {
  padding: 0;
  margin-bottom: 20px;
}

ul li {
  display: inline;
  list-style-type: none;
  margin-right: 20px;
}

a, a:visited{
  text-decoration: none;
  color: black;
}

ul li:hover{
  background-color: red;
}

a:hover{
  background-color: yellow;
}

a:active{
  font-weight: bolder;
}

.personalities {
  display: grid;
  grid-template-columns: repeat(4, 1fr);
  width: 60%;
}

article {
  width: 37%;
}

.type {
  background-color: #f2f2f2;
  border: 2px solid white;
  padding: 20px;
  text-align: center;
}

.type:hover{
  font-weight: bolder;
}

@media (max-width: 768px) {
  .container{
    display: block;
  }
  .personalities{
    width: 100%;
    margin-bottom: 20px;
  }
  article{
    width: 100%;
  }
}

@media (max-width: 480px) {
  .personalities {
    display: grid;
    grid-template-columns: repeat(2, 1fr);
  }
  body {
    width: 100%;
    padding: 10px;
  }
}
```