Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Home Lab Dashboard</title>
  <link rel="icon" href="favicon.ico" type="image/x-icon">
  <style>
    body {
      background-color: rgb(0, 0, 0);
      font-size: 20px;
      color: rgb(52, 172, 68);
      text-align: left;
    }
    header, main, footer {
      margin: 10px;
    }
    .center-content {
      display: flex;
      flex-direction: column;
      align-items: center;
      margin-top: 20px;
    }
    .directory-list-and-upload {
      display: flex;
      align-items: center;
```

```css
}
img.center {
    margin-left: 20px;
}
.directory-list li {
    font-size: 21px;
}
.authentication {
    margin-top: 40px;
    padding: 20px;
    background-color: #fff;
    border: 1px solid #ccc;
    border-radius: 8px;
    width: 60%;
    margin-left: auto;
    margin-right: auto;
    text-align: center;
}
.option-button {
    font-size: 18px;
    padding: 10px 20px;
    margin: 10px;
    cursor: pointer;
    background-color: #4CAF50;
    color: white;
    border: none;
    border-radius: 4px;
    transition: background-color 0.3s;
}
```

```
    .option-button:hover {

      background-color: #45a049;

    }

    .rss-feed {

      margin-top: 20px;

      padding: 20px;

      background-color: #333;

      border: 1px solid #444;

      border-radius: 8px;

    }

  </style>

</head>

<body>

  <header>

    <h1>Welcome to my Cyber-Lab_ this is not just a typical Cyber-Range; we have
file automation_</h1>

  </header>

  <main>

    <h2>Explore my college collection; it contains resources_</h2>

    <p>This dashboard will combine Pi-hole data and integrate various trace tools,
enhancing our analytical capabilities.</p>

    <div class="directory-list-and-upload">

      <ul class="directory-list">

        <li><a href="index.html">index.html</a></li>

        <li><a href="python3-simple-http-server.txt">python3-simple-http-
server.txt</a></li>

        <li><a href="server.py">server.py</a></li>

        <li><a href="css/">css/</a></li>

        <li><a href="images/">images/</a></li>

        <li><a href="scripts/">scripts/</a></li>
```

```html
    <li><a href="uploads/">uploads/</a></li>
    <li><a href="CompTIA/">CompTIA/</a></li>
    <li><a href="Cisco/">Cisco/</a></li>
    <li><a href="Windows-Server/">Windows-Server</a></li>
    <li><a href="vSphere/">vSphere/</a></li>
    <li><a href="CyberOperations/">CyberOperations/</a></li>
    <li><a href="Code-Blocks/">Code-Blocks/</a></li>
    <li><a href="Music-files/">Music-files/</a></li>
  </ul>
  <div class="center-content">
    <h3>Upload a File, XOR -&gt take the challenge below;</h3>
    <form enctype="multipart/form-data" method="post" action="/upload">
      <input type="file" name="file" />
      <input type="submit" value="Upload" />
    </form>
    <img src="images/tux.png" alt="Tux Image" class="center">
  </div>
</div>
<div class="authentication">
  <h3>[Authentication Challenge] based on the text which button
proceeds?</h3>
  <p>Select the correct option to proceed:</p>
  <button class="option-button" onclick="checkAnswer(true)">_
(underscore)</button>
  <button class="option-button"
onclick="checkAnswer(false)">JavaScript</button>
  <button class="option-button" onclick="checkAnswer(false)">CSS</button>
  <p id="result"></p>
</div>
<div class="rss-feed">
```

```html
      <h3>Latest Cybersecurity News</h3>
      <div id="rss-content"></div>
    </div>
  </main>
  <footer>
    <p>&copy; 2024 jas.digital.tools</p>
  </footer>
  <script>
    function checkAnswer(isCorrect) {
      if (isCorrect) {
        document.getElementById('result').innerHTML = 'Correct! Redirecting to secure page...';
        setTimeout(() => {
          window.location.href = 'secure_page.html';
        }, 2000);
      } else {
        document.getElementById('result').innerHTML = 'Incorrect. Try again!';
      }
    }

    function fetchRSS() {
      fetch('/fetch_rss')
        .then(response => response.json())
        .then(data => {
          const rssContent = document.getElementById('rss-content');
          rssContent.innerHTML = '';
          data.forEach(item => {
            const entry = document.createElement('div');
            entry.innerHTML = `<h4>${item.title}</h4><p>${item.published}</p><a href="${item.link}" target="_blank">Read more</a>`;
```

```
            rssContent.appendChild(entry);
          });
        })
        .catch(error => console.error('Error fetching RSS feed:', error));
    }

    window.onload = fetchRSS;
  </script>
</body>
</html>
```