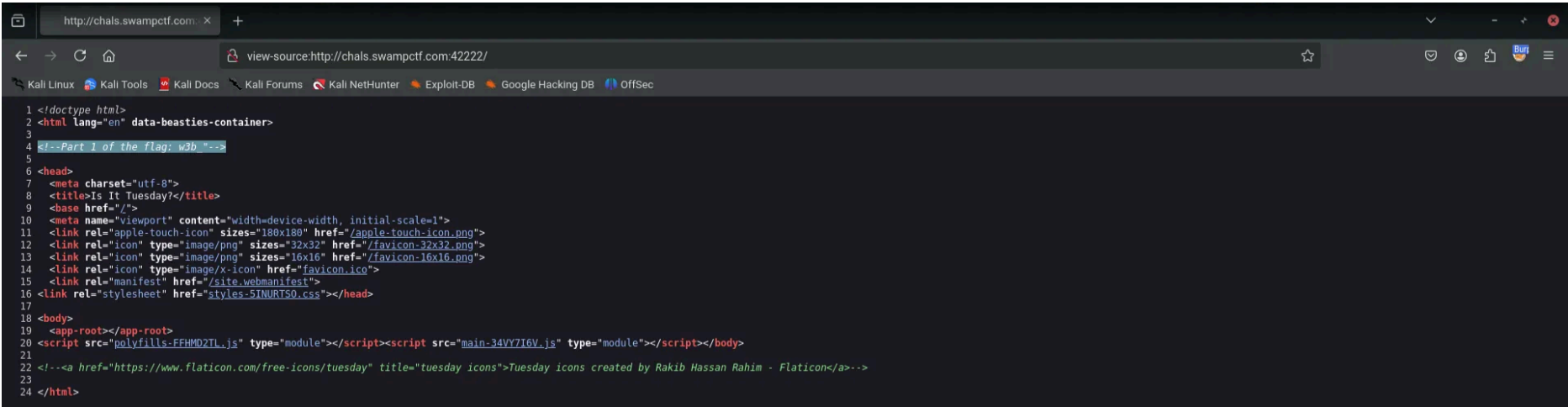
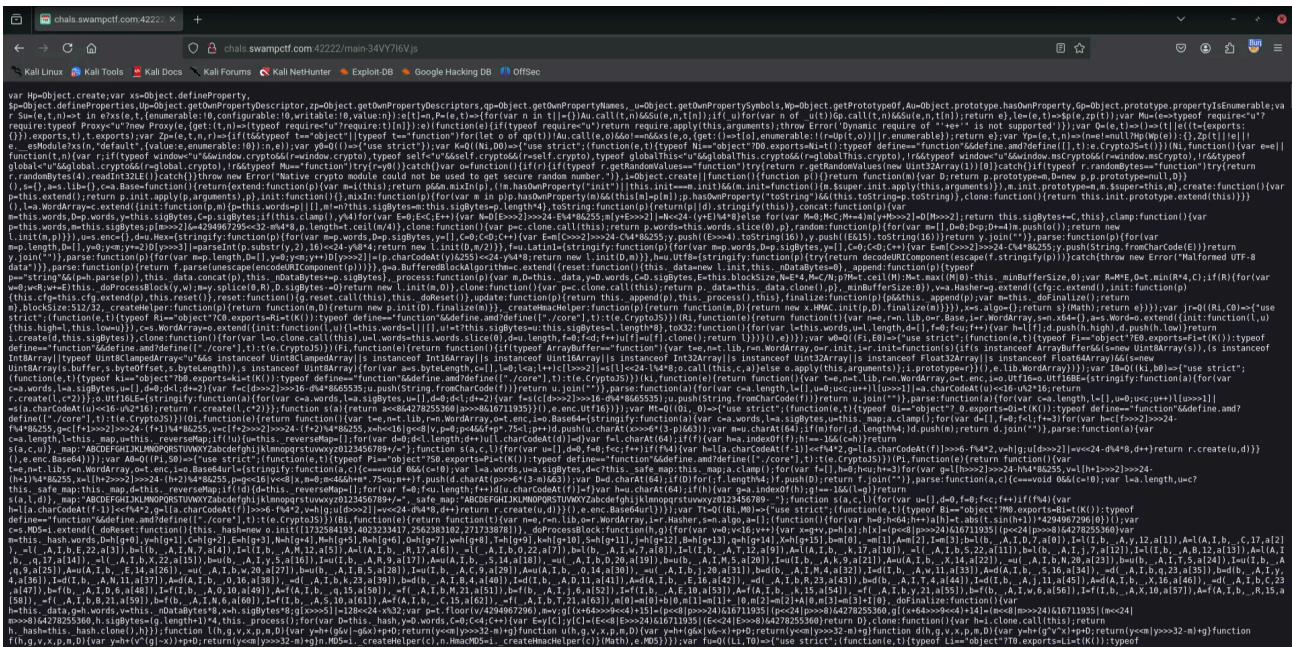


Web | Beginner Web

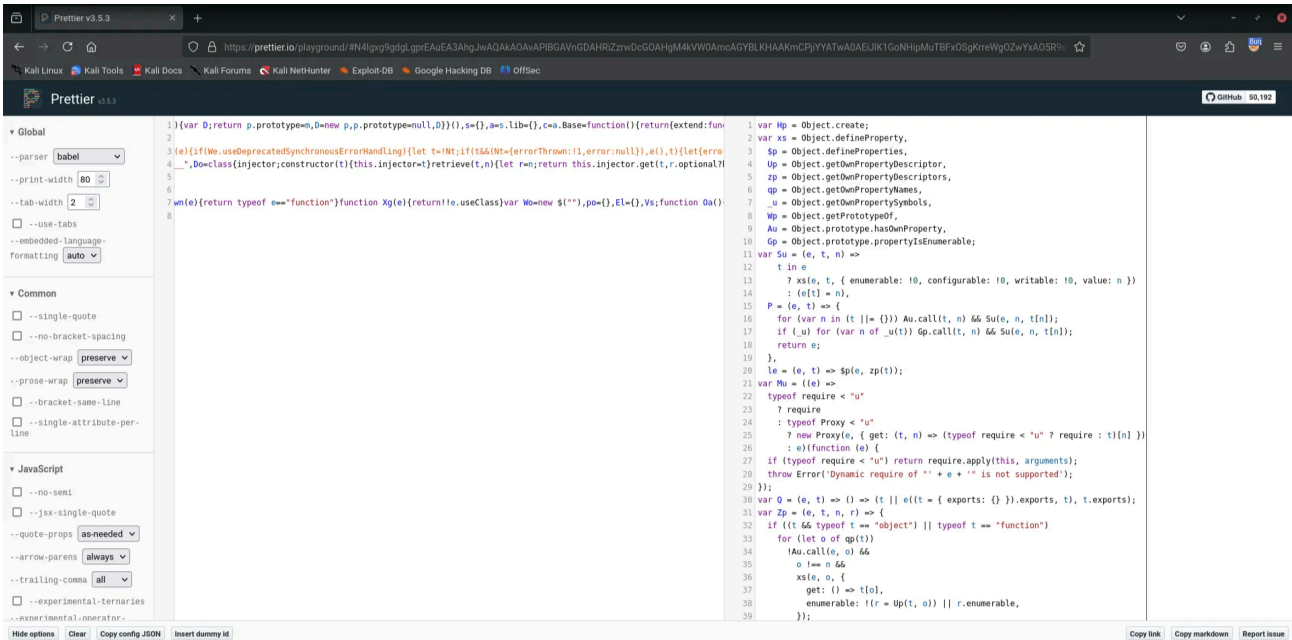
The first part of the flag is in view-source:<http://chals.swampctf.com:42222/>



The second and third parts of the flag can be found in view-source:<http://chals.swampctf.com:42222/main-34VY7I6V.js>



Making the code more readable with <https://prettier.io/playground/>



Find the following piece of code

```
var gs = class e {
  constructor(t) {
    this.cookieService = t;
    let n = "flagPart2_3",
      r = "U2FsdGVkX1/oCOrv2BF34XQbx7f34cYJ8aA71tr8cl8=";
```

```

    o = "U2FsdGVkX197aFEtB5VUIBcswkWs4GiFPaI6425rsTU=";
    this.cookieService.set(
      "flagPart2",
      $n.AES.decrypt(r, n).toString($n.enc.Utf8),
      { expires: 7, path: "/", secure: !0, sameSite: "Strict" },
    );
    let i = new Headers();
    i.set("flagPart3", $n.AES.decrypt(o, n).toString($n.enc.Utf8)),
      fetch("/favicon.ico", { headers: i });
  }
  date = new Date();
  static efac = function (n) {
    return new (n || e)(Wt(Ti));
  };

```

We need to decrypt the second and third parts of the flag

To get the second and third parts of the flag and connect them to the first, I wrote the following code

```

<!DOCTYPE html>
<html>
<head>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/crypto-js/4.1.1/crypto-js.min.js"></script>
  <style>
    #output {
      font-family: monospace;
      font-size: 16px;
      margin: 20px;
    }
  </style>
</head>
<body>
  <div id="output"></div>
  <script>
    const flagPart1 = "w3b_";

    const key = "flagPart2_3";
    const encryptedFlagPart2 = "U2FsdGVkX1/oCOrv2BF34XQbx7f34cYJ8aA71tr8cl8=";
    const encryptedFlagPart3 = "U2FsdGVkX197aFEtB5VUIBcswkWs4GiFPaI6425rsTU=";

    const flagPart2 = CryptoJS.AES.decrypt(encryptedFlagPart2, key).toString(CryptoJS.enc.Utf8);
    const flagPart3 = CryptoJS.AES.decrypt(encryptedFlagPart3, key).toString(CryptoJS.enc.Utf8);

    const finalFlag = `swampCTF${flagPart1}${flagPart2}${flagPart3}`;

    console.log("flagPart1:", flagPart1);
    console.log("flagPart2:", flagPart2);
    console.log("flagPart3:", flagPart3);
    console.log("Final flag:", finalFlag);

    const outputDiv = document.getElementById("output");
    outputDiv.innerHTML = `
      flagPart1: ${flagPart1}<br>
      flagPart2: ${flagPart2}<br>
      flagPart3: ${flagPart3}<br>
      Final flag: ${finalFlag}
    `;
  </script>

```

```
</body>
</html>
```

A screenshot of a web browser window. The address bar shows 'File /home/kali/index.html'. The page content displays the following text:

```
flagPart1: w3b_
flagPart2: br0w53r5_4r3_
flagPart3: c0mpl1c473d
Final flag: swampCTF{w3b_br0w53r5_4r3_c0mpl1c473d}
```

Final flag: **swampCTF{w3b_br0w53r5_4r3_c0mpl1c473d}**
