

Client-side-again

Web Exploitation

Description:

Can you break into this super secure portal?

<https://jupiter.challenges.picoctf.org/problem/56816/>

Hints:

1) What is obfuscation?

Solution:

```
return _0x40/400;
};

function verify() {
  checkpass = document[_0x4b5b('0x0')]( 'pass' )[_0x4b5b('0x1')];
  split = 0x4;
  if (checkpass[_0x4b5b('0x2')](0x0, split * 0x2) == _0x4b5b('0x3')) {
    if (checkpass[_0x4b5b('0x2')](0x7, 0x9) == '{n') {
      if (checkpass[_0x4b5b('0x2')](split * 0x2, split * 0x2 * 0x2) == _0x4b5b('0x4')) {
        if (checkpass[_0x4b5b('0x2')](0x3, 0x6) == 'oCt') {
          if (checkpass[_0x4b5b('0x2')](split * 0x3 * 0x2, split * 0x4 * 0x2) == _0x4b5b('0x5')) {
            if (checkpass[_0x4b5b('0x2')](0x6, 0xb) == 'F{not') {
              if (checkpass[_0x4b5b('0x2')](split * 0x2 * 0x2, split * 0x3 * 0x2) == _0x4b5b('0x6')) {
                if (checkpass[_0x4b5b('0x2')](0xc, 0x10) == _0x4b5b('0x7')) {
                  alert(_0x4b5b('0x8'));
                }
              }
            }
          }
        }
      }
    }
  }
}
```

```
at <anonymous>:1:1
> _0x4b5b('0x3')
< 'picoCTF{'
> _0x4b5b('0x4')
< 'not_this'
> _0x4b5b('0x5')
< '37115}'
> _0x4b5b('0x6')
< '_again_3'
> _0x4b5b('0x7')
< 'this'
> _0x4b5b('0x8')
< 'Password Verified'
> _0x4b5b('0x9')
< 'Incorrect password'
> _0x4b5b('0x10')
< undefined
> _0x4b5b('0x1')
< 'value'
> _0x4b5b('0x2')
< 'substring'
> _0x4b5b('0x3')
```

Flag:

picoCTF{not_this_again_337115}