- Filename: eccouncil-ceh31250-v12-14-6-1-input-filtering-evasion.md
- Show Name: CEHv12 (312-50)
- Topic Name: Web Application Hacking - Hacking Web Applications
- Episode Name: Input Filtering Evasion
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Input Filtering Evasion

Objectives:

- List of filtering evasion techniques

    - Character Encoding

        - https://www.asciitable.com
        - HTML Elements

            - `j` (hex) or `j` (decimal)

                - Starts with **&#**
                - Ends with **;**

            - Further aided by zero padding

                - `&#000000x6A;`
                - Zeros are ignored, but change the string for filter evasion

        - Base64
        - Whitespace

            - Space
            - Tab
            - Newline

        - Script Tag Manipulation

            - Get weird

                - Mixed case
                - script in script
                  `<sc<script>ript>`

        - Polyglots

            - https://github.com/0xSobsky/HackVault/wiki/Unleashing-an-Ultimate-XSS-Polyglot