# Internet Technologies
# Practical Assignment 7

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## Question :

**Using AJAX, load JSON data from the file and display it in a presentable way using HTML and CSS.**

## Code :

### Index.html

```
<!DOCTYPE html>
<html>
    <head>
        <meta charset="utf-8" />
        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
        <title>Question 7</title>
        <meta name="description" content="" />
        <meta name="viewport" content="width=device-width, initial-
scale=1" />
        <style>
            @import
url("https://fonts.googleapis.com/css2?family=Inter&display=swap");

            body {
                display: flex;
                flex-direction: column-reverse;
                justify-content: center;
                align-items: center;
                min-height: 100vh;
                padding: 0;
                margin: 0;
                gap: 10px;
                font-family: "Inter", sans-serif;
                background-color: #101010;
                color: #eee;
            }
            #GetBtn {
                color: #101010;
```

```
                background-color: orangered;
                border: 2px solid orangered;
                border-radius: 10px;
                padding: 3px 5px;
                font-size: 25px;
                cursor: pointer;
                font-weight: 600;
            }
            #GetBtn:hover {
                background-color: #101010;
                color: orangered;
            }
            #container {
                border: 2px solid #505050;
            }
            #container * {
                border: 2px solid #505050;
            }
            th {
                background-color: orangered;
                color: #101010;
            }
            tr {
                background-color: palegoldenrod;
                color: #101010;
            }
            img {
                height: 20vh;
            }
        </style>
    </head>
    <body>
        <button id="GetBtn">Get Data</button>
        <div id="showData"></div>
        <script src="./index.js"></script>
    </body>
</html>
```

## Index.js

```
var a = new XMLHttpRequest();
a.onload = function () {
    if (a.status === 200) {
        var jsonObj = JSON.parse(a.response);
        // do something with json
        var htmlData = '<table id="container">';
        htmlData += '<tr class="box">';
        htmlData += '<th>Name</th>';
```

```
        htmlData += '<th>Species</th>';
        htmlData += '<th>Birth Year</th>';
        htmlData += '<th>Photo</th>';
        htmlData += "</tr>";
        jsonObj["pets"].map((item, iter) => {
            htmlData += '<tr class="box">';
            htmlData += '<td>' + item.name + "</td>";
            htmlData += '<td>' + item.species + "</td>";
            htmlData += '<td>' + item.birthYear + "</td>";
            htmlData += '<td><img src=' + item.photo + ' /></td>';
            htmlData += "</tr>";
        });
        htmlData += "</table>";
        console.log(htmlData);
        document.getElementById("showData").innerHTML = htmlData;
    } else alert("HTTP error " + a.status + " " + a.statusText);
    // a.send();
};

document.getElementById("GetBtn").addEventListener("click", (e) => {
    a.open("GET", "data/pets.json", true);
    a.send();
});
```

## Pets.json

```
{
    "pets": [
        {
            "name": "Purrsloud",
            "species": "Cat",
            "favFoods": ["wet food", "dry food", "<strong>any</strong>
food"],
            "birthYear": 2016,
            "photo": "https://learnwebcode.github.io/json-
example/images/cat-2.jpg"
        },
        {
            "name": "Barksalot",
            "species": "Dog",
            "birthYear": 2008,
            "photo": "https://learnwebcode.github.io/json-
example/images/dog-1.jpg"
        },
        {
            "name": "Meowsalot",
            "species": "Cat",
            "favFoods": ["tuna", "catnip", "celery"],
```

```
            "birthYear": 2012,
            "photo": "https://learnwebcode.github.io/json-
example/images/cat-1.jpg"
        }
    ]
}
```

## Output