PRACTICAL - 07

7. Store JSON data of a few pets that you created in previous practice in a JSON file (copy from console output of previous program to a .json file). Using AJAX, load data from the file and display it in a presentable way using HTML and CSS.

CODE :

HTML FILE

```html
prac7 > <> prac7.html > </> html
1    <!DOCTYPE html>
2    <html>
3      <head>
4        <meta charset="UTF-8" />
5        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
6        <title>Document</title>
7        <link rel="stylesheet" href="style.css" />
8        <!-- including online jquery file -->
9        <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
10     </head>
11     <body>
12       <div class="container">
13         <h2><span>Pets Detail</span></h2>
14         <table id="petsTable">
15           <tr>
16             <th>SR.No</th>
17             <th>Name</th>
18             <th>Age</th>
19             <th>Weight</th>
20             <th>Type</th>
21             <th>Likes</th>
22           </tr>
23         </table>
24       </div>
25     </body>
26     <script src="script.js"></script>
27   </html>
28
```

Style.css

```css
1    *{
2        padding: 0;
3        margin: 0;
4        box-sizing: border-box;
5    }
6
7    .container{
8        width: 100%;
9        height: 100vh;
10       padding: 5%;
11       background-image: url(https://media.istockphoto.com/id/1278558302/photo
12   }
13   h2{
14       text-align: center;
15   }
16   span{
17       background-color: ☐#fff;
18       padding: 1rem;
19       border-radius: 40px;
20   }
21   table {
22       border-collapse: collapse;
23       padding: 2%;
24   }
25   #petsTable {
26     margin-top: 30px;
27     width: 100%;
28     border-collapse:separate;
29     border-spacing:0 15px;
30     background-image: url();
```

```css
31      font:1em sans-serif;
32      box-shadow: 0px 2px 3px 0px ■#0081a7;
33      background-color: □#ffffff5e;
34      border-radius: 20px;
35      font-weight: bold;
36   }
37
38   th{
39        color: ■#1d55ce;
40        text-align: center;
41   }
42   tr{
43        background-color: □#fff;
44        box-shadow: 0px 1px 1px 0px ■#0081a7;
45        font-size: 14px;
46        cursor: pointer;
47   }
48   th, td {
49        width:150px;
50        text-align:center;
51        padding: 5px;
52        background-color: □#ffffff81;
53   }
54   tr:hover{
55        background-color: □#fff;
56        box-shadow: 0px 2px 3px 0px ■#0081a7;
57   }
```

Script.js

```javascript
1    // ajax using jquery
2    let i = 0;
3    $(document).ready(function() {
4        $.getJSON("pets.json", function(data) {
5            $.each(data, function(key, value) {
6                var row = $("<tr></tr>");
7                row.append($("<td></td>").text(++i+'.'));
8                row.append($("<td></td>").text(value.name));
9                row.append($("<td></td>").text(value.age));
10                row.append($("<td></td>").text(value.weight));
11                row.append($("<td></td>").text(value.type));
12                row.append($("<td></td>").text(value.likes));
13                $("#petsTable").append(row);
14            });
15        });
16    });
```

Pets.json

```json
1   [
2       {
3           "name": "Fuss",
4           "age": 3,
5           "weight": 5,
6           "type": "Dog",
7           "likes": "Playing with yarn"
8       },
9       {
10          "name": "Rexon",
11          "age": 5,
12          "weight": 15,
13          "type": "Dog",
14          "likes": "Fetching balls"
15      },
16      { "name": "Lavi",
17          "age": 6,
18          "weight":10,
19          "type": "Cat",
20          "likes": "sleeping"
21      },
22      { "name": "Puffin",
23          "age": 4,
24          "weight":10,
25          "type": "Cat",
26          "likes": "laying"
27      }
28
29  ]
30
```