# Week 9

**Aim: To create a simple application using AJAX**

**Code:**

```html
<!DOCTYPE html>
<html>
    <style>
table,th,td {
    border : 1px solid black;
    border-collapse: collapse;
        background-color: aqua;
}
th,td {
    padding: 5px;
}
</style>
<body>
<p>"foods calories"</p>
<p id="showc"></p>
<table id="demo"></table>
<script>
var x,xmlhttp,xmlDoc
xmlhttp = new XMLHttpRequest();
xmlhttp.open("GET", "break.xml", false);
xmlhttp.send();
xmlDoc = xmlhttp.responseXML;
x = xmlDoc.getElementsByTagName("food");
table="<tr><th>food</th><th>Manufacturer</th></tr>";
for (i = 0; i <x.length; i++) {
    table += "<tr onclick='showmfr(" + i + ")'><td>";
    table += x[i].getElementsByTagName("name")[0].childNodes[0].nodeValue;
    table += "</td><td>";
    table +=   x[i].getElementsByTagName("mfr")[0].childNodes[0].nodeValue;
    table += "</td></tr>";
}
document.getElementById("demo").innerHTML = table;

function showmfr(i) {
    document.getElementById("showc").innerHTML =
    "Name: " +
    x[i].getElementsByTagName("name")[0].childNodes[0].nodeValue +
    "<br>Manufacture: " +
    x[i].getElementsByTagName("mfr")[0].childNodes[0].nodeValue +
    "<br>Serving Unit: " +
    x[i].getElementsByTagName("serving")[0].childNodes[0].nodeValue +
```
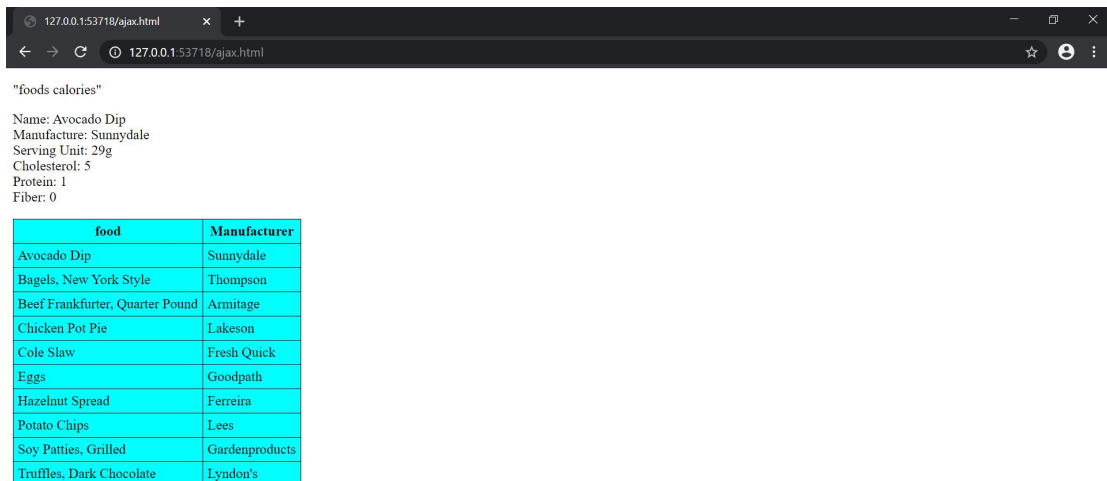
```
        "g<br>Cholesterol: " +
            x[i].getElementsByTagName("cholesterol")[0].childNodes[0].nodeValue +
                "<br>Protein: " +
        x[i].getElementsByTagName("protein")[0].childNodes[0].nodeValue +
            "<br>Fiber: " +
        x[i].getElementsByTagName("fiber")[0].childNodes[0].nodeValue;
}
</script>

</body>
</html>
```

**Output:**



"foods calories"

Name: Avocado Dip
Manufacture: Sunnydale
Serving Unit: 29g
Cholesterol: 5
Protein: 1
Fiber: 0

| food | Manufacturer |
| --- | --- |
| Avocado Dip | Sunnydale |
| Bagels, New York Style | Thompson |
| Beef Frankfurter, Quarter Pound | Armitage |
| Chicken Pot Pie | Lakeson |
| Cole Slaw | Fresh Quick |
| Eggs | Goodpath |
| Hazelnut Spread | Ferreira |
| Potato Chips | Lees |
| Soy Patties, Grilled | Gardenproducts |
| Truffles, Dark Chocolate | Lyndon's |