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<!doctype html>
<html>
<head>
<meta charset="utf-8">
<title>JSON Setlist</title>
    <script src="https://code.jquery.com/jquery-3.1.1.min.js"
integrity="sha256-hVVnYaiADRTO2PzUGmuLJr8BLUSjGIZsDYGmIJLv2b8="
crossorigin="anonymous"></script>
    <script type="text/javascript" src="setlist.json"></script>

<script language="javascript">
function loadPage(){
    $.get( "https://robbie-veglahn.github.io/Comp20/hw9/setlist.json",
        function( data ) {
            str = JSON.stringify(data);
            document.getElementById("display").innerHTML = str;
            var genre = document.getElementById("genre").value;
            strHTML= "";
            var setlist = JSON.parse(str);
            var genres = [];
            for (var i in setlist) {
                if (!(genres.includes(setlist[i].Genre))) {
                    genres.push(setlist[i].Genre);
                }
            }
            for (var x in genres) {
                console.log(genres[x]);
                var dropdown = document.getElementById("genre");
                var option = document.createElement("option");
                option.text = genres[x];
                dropdown.add(option);
            }
            data.forEach(function(Song) {
                strHTML += "<li>"
                    + Song.Song + "<br>Artist: "
                    + Song.Artist + "<br>Genre: "
                    + Song.Genre + "<br>Year Released: "
                    + Song.Year + "</li>";
            })
            strHTML += "</ul>";
            document.getElementById("display").innerHTML += strHTML;
        })
    }
function showSetlist(){

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$.get( "https://robbie-veglahn.github.io/Comp20/hw9/setlist.json",
    function( data ) {
        str = JSON.stringify(data);
        var genre = document.getElementById("genre").value;
        // document.write(str);
        strHTML= "";
        var setlist = JSON.parse(str);
        data.forEach(function(Song) {
            if (Song.Genre == genre) {
                strHTML += "<li>"
                    + Song.Song + "<br>Artist: "
                    + Song.Artist + "<br>Genre: "
                    + Song.Genre + "<br>Year Released: "
                    + Song.Year + "</li>";
            }
        })
        strHTML += "</ul>";
        document.getElementById("display").innerHTML = strHTML;
    })
}
</script>

</head>

<body onload = "loadPage()">
<div>
    <form>
        <select id="genre">
            <option>Select a Genre</option>
        </select><br>
        <input type="button" value="Filter" onclick="showSetlist()">
    </form>
</div>
<div id = "display"></div>
</body>
</html>

```