```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8"/>
    <meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no"/>
    <title>US Energy Consumption</title>
    <link rel="stylesheet" href="../css/style.css">
    <script type="application/javascript">
        // `energy_type` and object of consumption per year per state => set
these variables equal to appropriate value
        //   * these variables will be defined and accessible from any script
loaded after this one
        var energy_type = '{{{ENERGY_TYPE}}}';
        var energy_counts = {{{ENERGY_COUNTS}}}; // dictionary of arrays
(e.g. {AK: [...], AL: [...], AR: [...], ...})
    </script>
    <script
src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/3.6.0/chart.min.js"></sc
ript>
</head>
<body>
    <!-- create template here -->
    <h1 class="header">
        <a href="http://localhost:8000/year/2018">Home</a>
        <a href="http://localhost:8000/year/2018">Year</a>
        <a href="http://localhost:8000/state/MN">State</a>
    </h1>
        <!—EnergySearch Bar >
    <div class="newValue">Desired energy:
        <input id="new_energy" type="text" />
        <button id="submit" type="button"
onclick="insertNewEnergy();">Submit</button>
        <script type="application/javascript">
            function insertNewEnergy() {
                let energy = document.getElementById("new_energy").value;
                energy = energy.toLowerCase();
                window.open("/energy/" + energy,"_self")
            };
            function prevEnergy() {
                if(energy_type != "nuclear"){
                    var prev = "{{{PREV}}}";
                    window.open("/energy/" + prev.toString() ,"_self")
              }
            };
            function nextEnergy() {
                if(energy_type != "natural gas"){
                    var next = "{{{NEXT}}}";
                    window.open("/energy/" + next.toString() ,"_self")
              }
            };
        </script>
    </div>

    <div class="newValue">
            <p>Coal, Natural Gas, Renewable, Nuclear, Petroleum</p>
    </div>
```

```
<!-- Swap between energy types in the Database -->

<div class="buttons">
        <button id="prev" type="button" onclick="prevEnergy();">Previous
Energy Type</button>
        <button id="next" type="button" onclick="nextEnergy();">Next Energy
Type</button>
    </div>
    <div class="picture">

        {{{INSERT PIC}}}
        <img src="../css/pictures/energy.jpeg" alt="Lightbulb breaking from
energy">
    </div>
    <div class="energy"> {{{CONTENT HERE}}} Energy Report</div>
    <div>
            <canvas id='MyChart' width='400' height='400'>

            </canvas>
        </div>
       <!-- Table shows data in the DB organized by time and state-->

    <div>
        <table id="table">
            {{{TABLE HERE}}}
        </table>
    </div>

</body>
<!-- Shows a line chart to show the type of energy consumption for each state
over time -->

<script>
    years =
[1960,1961,1962,1963,1964,1965,1966,1967,1968,1969,1970,1971,1972,1973,1974,1
975,1976,1977,1978,1979,1980,1981,1982,1983,1984,1985,1986,1987,1988,1989,199
0,1991,1992,1993,1994,1995,1996,1997,1998,1999,2000,2001,2002,2003,2004,2005,
2006,2007,2008,2009,2010,2011,2012,2013,2014,2015,2016,2017,2018];
    const ctx = document.getElementById('MyChart').getContext('2d');
    let width = 5;
    const lineChart = new Chart(ctx, {
        type: 'line',
        data: {
            labels: years,
            datasets: [{
                label: 'AK',
                data: energy_counts['AK'],
                backgroundColor: 'rgb(255, 99, 132)',
                borderColor: 'rgb(255, 99, 132)',
                borderWidth: width
            },
            {
                label: 'AL',
                data: energy_counts['AL'],
                backgroundColor: 'rgb(63, 50, 13)',
                borderColor: 'rgb(63,50,13)',
                borderWidth: width
```

```
},
{
    label: 'AR',
    data: energy_counts['AR'],
    backgroundColor: 'rgb(120,70,200)',
    borderColor: 'rgb(120,70,200)',
    borderWidth: width
},
{
    label: 'AZ',
    data: energy_counts['AZ'],
    backgroundColor: 'rgb(200,10,100)',
    borderColor: 'rgb(200,10,100)',
    borderWidth: width
},
{
    label: 'CA',
    data: energy_counts['CA'],
    backgroundColor: 'rgb(255,0,0)',
    borderColor: 'rgb(255,0,0)',
    borderWidth: width
},
{
    label: 'CO',
    data: energy_counts['CO'],
    backgroundColor: 'rgb(150,150,50)',
    borderColor: 'rgb(150,150,50)',
    borderWidth: width
},
{
    label: 'CT',
    data: energy_counts['DC'],
    backgroundColor: 'rgb(35,240,160)',
    borderColor: 'rgb(35,240,160)',
    borderWidth: width
},
{
    label: 'DE',
    data: energy_counts['DE'],
    backgroundColor: 'rgb(0,255,0)',
    borderColor: 'rgb(0,255,0)',
    borderWidth: width
},
{
    label: 'FL',
    data: energy_counts['FL'],
    backgroundColor: 'rgb(95,5,130)',
    borderColor: 'rgb(95,5,130)',
    borderWidth: width
},
{
    label: 'GA',
    data: energy_counts['GA'],
    backgroundColor: 'rgb(90,90,180)',
    borderColor: 'rgb(90,90,180)',
    borderWidth: width
},
```

```
{
    label: 'HI',
    data: energy_counts['HI'],
    backgroundColor: 'rgb(250,250,30)',
    borderColor: 'rgb(250,250,30)',
    borderWidth: width
},
{
    label: 'IA',
    data: energy_counts['IA'],
    backgroundColor: 'rgb(0,0,255)',
    borderColor: 'rgb(0,0,255)',
    borderWidth: width
},
{
    label: 'ID',
    data: energy_counts['ID'],
    backgroundColor: 'rgb(128,128,128)',
    borderColor: 'rgb(128,128,128)',
    borderWidth: width
},
{
    label: 'IL',
    data: energy_counts['IL'],
    backgroundColor: 'rgb(50,100,100)',
    borderColor: 'rgb(50,100,100)',
    borderWidth: width
},
{
    label: 'IN',
    data: energy_counts['IN'],
    backgroundColor: 'rgb(60,120,180)',
    borderColor: 'rgb(60,120,180)',
    borderWidth: width
},
{
    label: 'KS',
    data: energy_counts['KS'],
    backgroundColor: 'rgb(50,40,30)',
    borderColor: 'rgb(50,40,30)',
    borderWidth: width
},
{
    label: 'KY',
    data: energy_counts['KY'],
    backgroundColor: 'rgb(0,11,222)',
    borderColor: 'rgb(0,11,222)',
    borderWidth: width
},
{
    label: 'LA',
    data: energy_counts['LA'],
    backgroundColor: 'rgb(123,231,132)',
    borderColor: 'rgb(123,231,132)',
    borderWidth: width
},
{
```

```
        label: 'MA',
        data: energy_counts['MA'],
        backgroundColor: 'rgb(90,45,90)',
        borderColor: 'rgb(90,45,90)',
        borderWidth: width
    },
    {
        label: 'MD',
        data: energy_counts['MD'],
        backgroundColor: 'rgb(255,0,255)',
        borderColor: 'rgb(255,0,255)',
        borderWidth: width
    },
    {
        label: 'ME',
        data: energy_counts['ME'],
        backgroundColor: 'rgb(150,60,120)',
        borderColor: 'rgb(150,60,120)',
        borderWidth: width
    },
    {
        label: 'MI',
        data: energy_counts['MI'],
        backgroundColor: 'rgb(80,200,140)',
        borderColor: 'rgb(80,200,140)',
        borderWidth: width
    },
    {
        label: 'MN',
        data: energy_counts['MN'],
        backgroundColor: 'rgb(130,40,200)',
        borderColor: 'rgb(130,40,200)',
        borderWidth: width
    },
    {
        label: 'MO',
        data: energy_counts['MO'],
        backgroundColor: 'rgb(250,80,250)',
        borderColor: 'rgb(250,80,250)',
        borderWidth: width
    },
    {
        label: 'MS',
        data: energy_counts['MS'],
        backgroundColor: 'rgb(87,32,102)',
        borderColor: 'rgb(87,32,102)',
        borderWidth: width
    },
    {
        label: 'MT',
        data: energy_counts['MT'],
        backgroundColor: 'rgb(12,21,121)',
        borderColor: 'rgb(12,21,121)',
        borderWidth: width
    },
    {
        label: 'NC',
```

```
        data: energy_counts['NC'],
        backgroundColor: 'rgb(198,99,45)',
        borderColor: 'rgb(198,99,45)',
        borderWidth: width
    },
    {
        label: 'ND',
        data: energy_counts['ND'],
        backgroundColor: 'rgb(175,185,140)',
        borderColor: 'rgb(175,185,140)',
        borderWidth: width
    },
    {
        label: 'NE',
        data: energy_counts['NE'],
        backgroundColor: 'rgb(200,35,150)',
        borderColor: 'rgb(200,35,150)',
        borderWidth: width
    },
    {
        label: 'NH',
        data: energy_counts['NH'],
        backgroundColor: 'rgb(75,75,150)',
        borderColor: 'rgb(75,75,150)',
        borderWidth: width
    },
    {
        label: 'NJ',
        data: energy_counts['NJ'],
        backgroundColor: 'rgb(150,75,75)',
        borderColor: 'rgb(150,75,75)',
        borderWidth: width
    },
    {
        label: 'NM',
        data: energy_counts['NM'],
        backgroundColor: 'rgb(190,60,115)',
        borderColor: 'rgb(190,60,115)',
        borderWidth: width
    },
    {
        label: 'NV',
        data: energy_counts['NV'],
        backgroundColor: 'rgb(60,150,70)',
        borderColor: 'rgb(60,150,70)',
        borderWidth: width
    },
    {
        label: 'NY',
        data: energy_counts['NY'],
        backgroundColor: 'rgb(82,61,111)',
        borderColor: 'rgb(82,61,111)',
        borderWidth: width
    },
    {
        label: 'OH',
        data: energy_counts['OH'],
```

```
        backgroundColor: 'rgb(5,210,5)',
        borderColor: 'rgb(5,210,5)',
        borderWidth: width
    },
    {
        label: 'OK',
        data: energy_counts['OK'],
        backgroundColor: 'rgb(12,95,190)',
        borderColor: 'rgb(12,95,190)',
        borderWidth: width
    },
    {
        label: 'OR',
        data: energy_counts['OR'],
        backgroundColor: 'rgb(81,202,34)',
        borderColor: 'rgb(81,202,34)',
        borderWidth: width
    },
    {
        label: 'PA',
        data: energy_counts['PA'],
        backgroundColor: 'rgb(100,210,100)',
        borderColor: 'rgb(100,210,100)',
        borderWidth: width
    },
    {
        label: 'RI',
        data: energy_counts['RI'],
        backgroundColor: 'rgb(64,46,128)',
        borderColor: 'rgb(64,46,128)',
        borderWidth: width
    },
    {
        label: 'SC',
        data: energy_counts['SC'],
        backgroundColor: 'rgb(46,128,64)',
        borderColor: 'rgb(46,128,64)',
        borderWidth: width
    },
    {
        label: 'SD',
        data: energy_counts['SD'],
        backgroundColor: 'rgb(128,64,46)',
        borderColor: 'rgb(128,64,46)',
        borderWidth: width
    },
    {
        label: 'TN',
        data: energy_counts['TN'],
        backgroundColor: 'rgb(171,43,89)',
        borderColor: 'rgb(171,43,89)',
        borderWidth: width
    },
    {
        label: 'TX',
        data: energy_counts['TX'],
        backgroundColor: 'rgb(190,100,50)',
```

```
                borderColor: 'rgb(190,100,50)',
                borderWidth: width
            },
            {
                label: 'UT',
                data: energy_counts['UT'],
                backgroundColor: 'rgb(99,166,233)',
                borderColor: 'rgb(99,166,233)',
                borderWidth: width
            },
            {
                label: 'VA',
                data: energy_counts['VA'],
                backgroundColor: 'rgb(233,166,99)',
                borderColor: 'rgb(233,166,99)',
                borderWidth: width
            },
            {
                label: 'VT',
                data: energy_counts['VT'],
                backgroundColor: 'rgb(100,10,10)',
                borderColor: 'rgb(100,10,10)',
                borderWidth: width
            },
            {
                label: 'WA',
                data: energy_counts['WA'],
                backgroundColor: 'rgb(0,240,240)',
                borderColor: 'rgb(0,240,240)',
                borderWidth: width
            },
            {
                label: 'WI',
                data: energy_counts['WI'],
                backgroundColor: 'rgb(100,10,1)',
                borderColor: 'rgb(100,10,1)',
                borderWidth: width
            },
            {
                label: 'WV',
                data: energy_counts['WV'],
                backgroundColor: 'rgb(100,20,200)',
                borderColor: 'rgb(100,20,200)',
                borderWidth: width
            },
            {
                label: 'WY',
                data: energy_counts['WY'],
                backgroundColor: 'rgb(121,20,180)',
                borderColor: 'rgb(121,20,180)',
                borderWidth: width
            }]
        }
    });
</script>
</html>
```