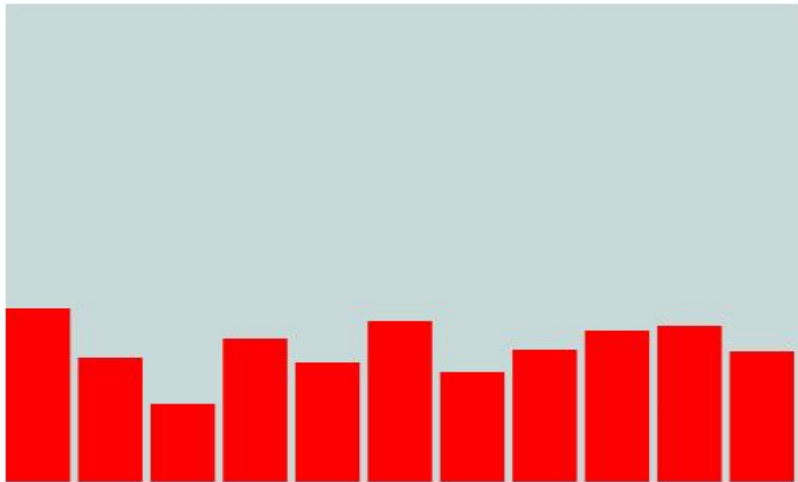
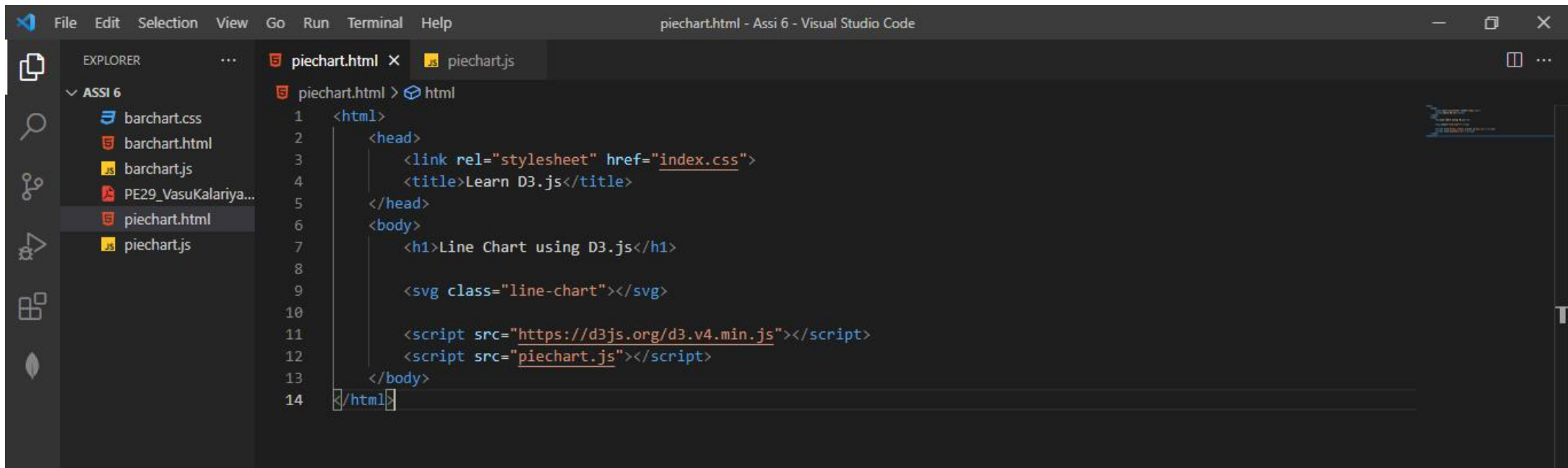


Bar Chart using D3.js





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piechart.js - Assi 6 - Visual Studio Code

EXPLORER

ASSI 6

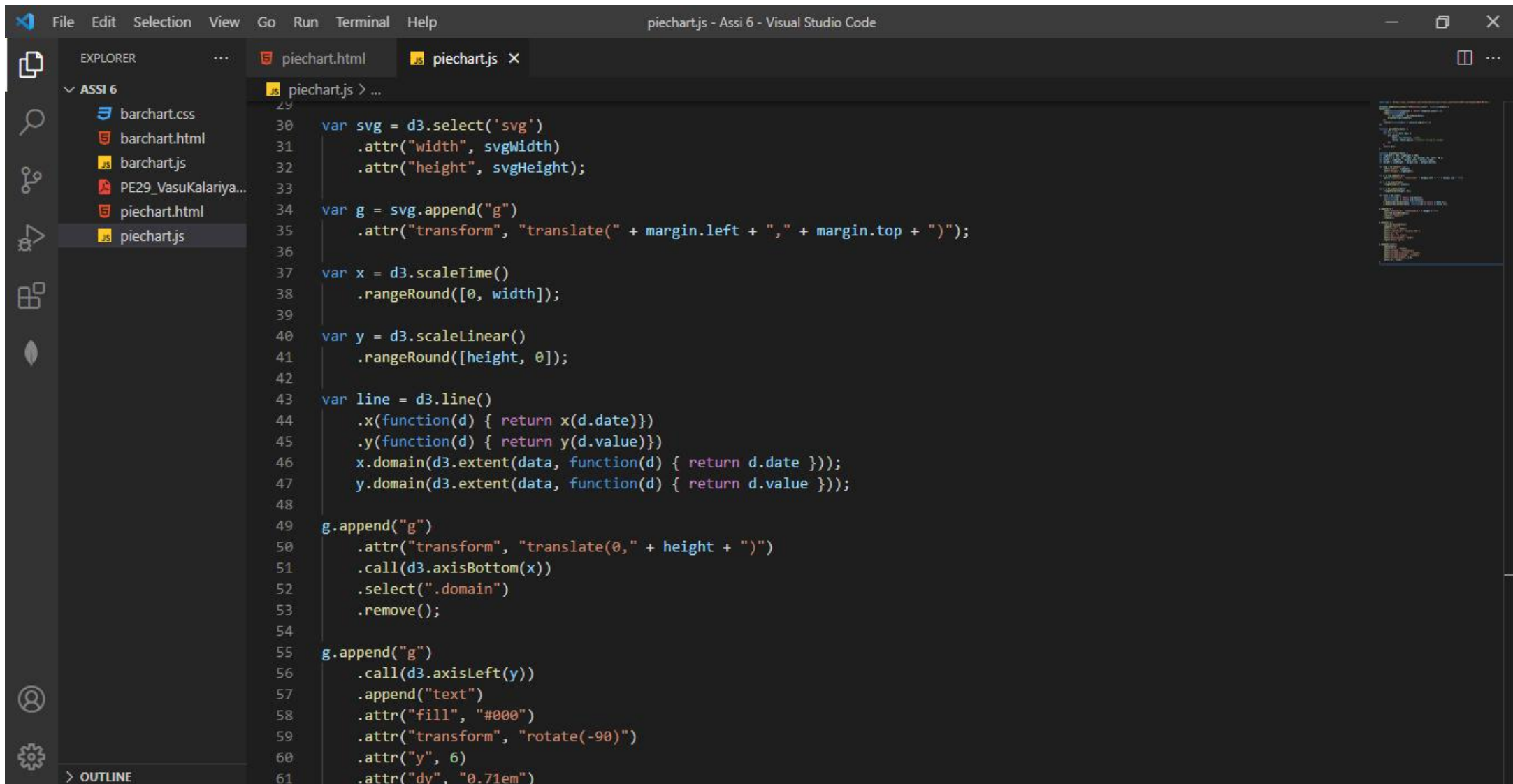
- barchart.css
- barchart.html
- barchart.js
- PE29_VasuKalariya...
- piechart.html
- piechart.js

OUTLINE

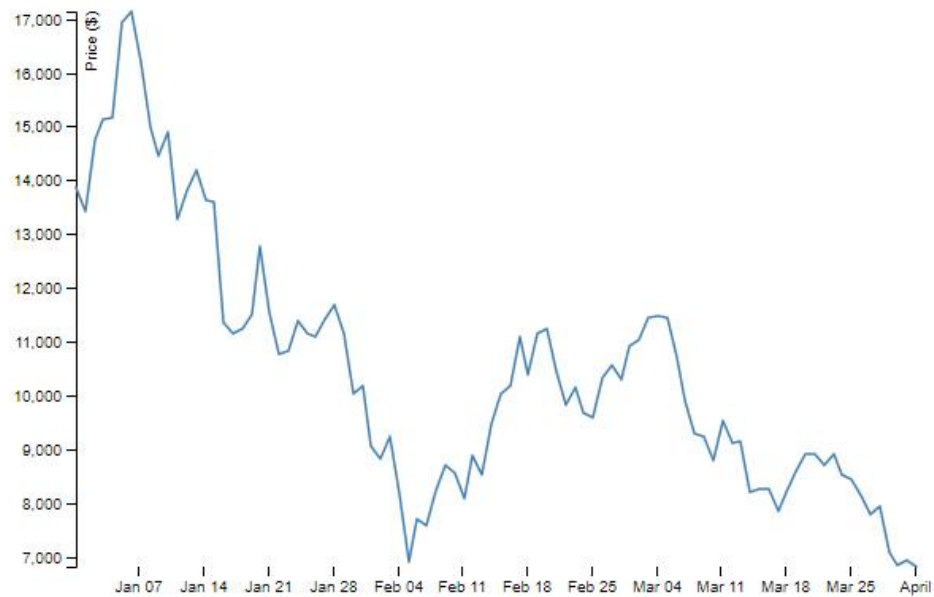
piechart.html

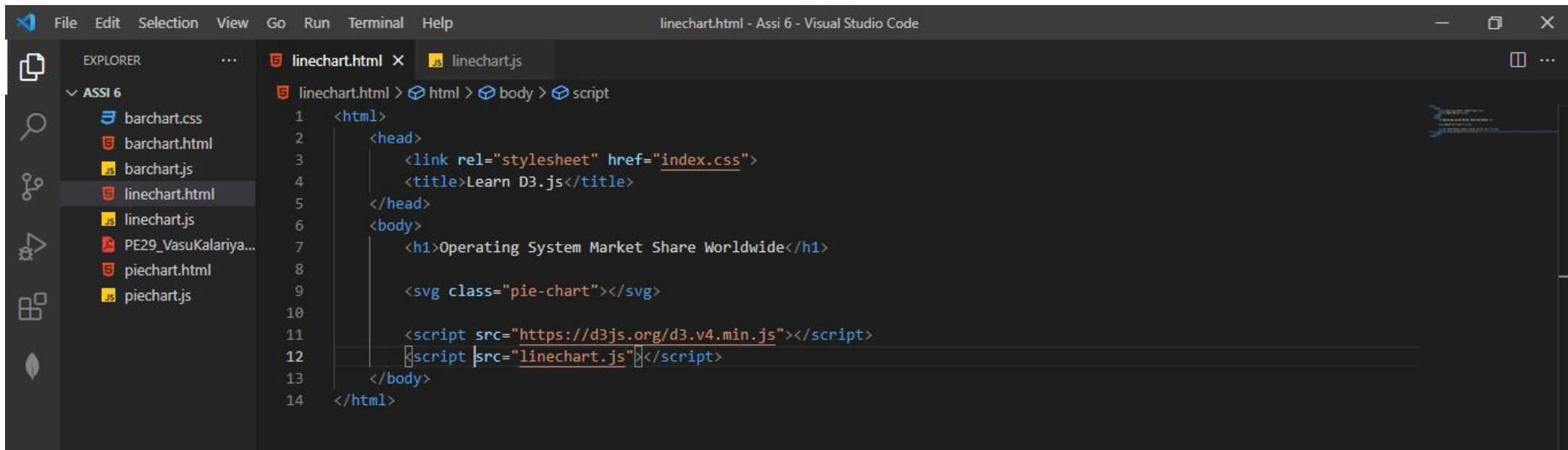
piechart.js

```
1  const api = 'https://api.coindesk.com/v1/bpi/historical/close.json?start=2017-12-31&end=2018-04-01';
2
3  document.addEventListener("DOMContentLoaded", function(event) {
4    fetch(api)
5      .then(function(response) { return response.json(); })
6      .then(function(data) {
7        var parsedData = parseData(data);
8        drawChart(parsedData);
9      })
10     .catch(function(err) { console.log(err); });
11  });
12
13  function parseData(data) {
14    var arr = [];
15    for (var i in data.bpi) {
16      arr.push({
17        date: new Date(i), //date
18        value: +data.bpi[i] //convert string to number
19      });
20    }
21    return arr;
22  }
23
24  function drawChart(data) {
25    var svgWidth = 600, svgHeight = 400;
26    var margin = { top: 20, right: 20, bottom: 30, left: 50 };
27    var width = svgWidth - margin.left - margin.right;
28    var height = svgHeight - margin.top - margin.bottom;
29
30    var svg = d3.select('svg')
31      .attr("width", svgWidth)
32      .attr("height", svgHeight);
33  }
```



Line Chart using D3.js





linechart.js - Assi 6 - Visual Studio Code

EXPLORER

ASSI 6

- barchart.css
- barchart.html
- barchart.js
- linechart.html
- linechart.js
- PE29_VasuKalariya...
- piechart.html
- piechart.js

OUTLINE

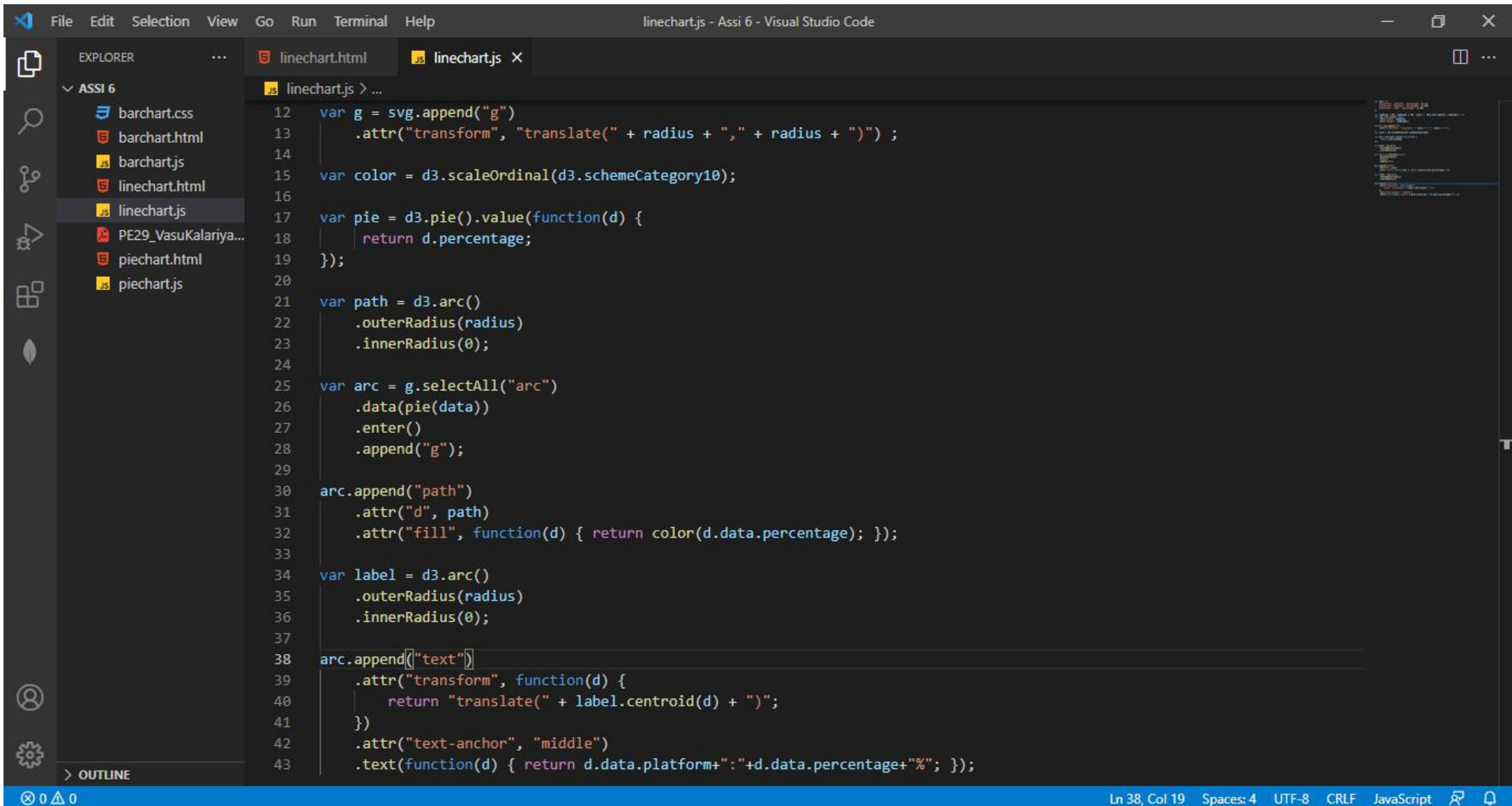
linechart.html

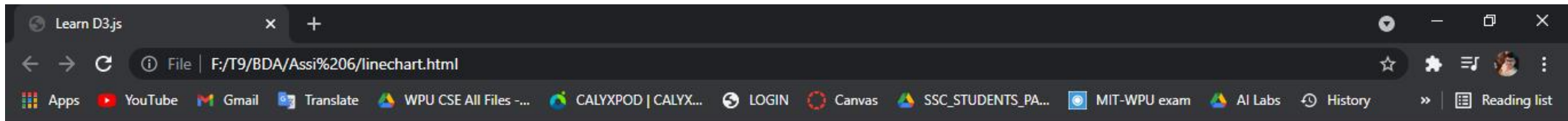
linechart.js

linechart.js > ...

```
1  var data = [  
2    {"platform": "Android", "percentage": 40.11},  
3    {"platform": "Windows", "percentage": 36.69},  
4    {"platform": "iOS", "percentage": 13.06}  
5  ];  
6  
7  var svgWidth = 500, svgHeight = 300, radius = Math.min(svgWidth, svgHeight) / 2;  
8  var svg = d3.select('svg')  
9    .attr("width", svgWidth)  
10   .attr("height", svgHeight);  
11  
12  var g = svg.append("g")  
13    .attr("transform", "translate(" + radius + "," + radius + ")") ;  
14  
15  var color = d3.scaleOrdinal(d3.schemeCategory10);  
16  
17  var pie = d3.pie().value(function(d) {  
18    return d.percentage;  
19  });  
20  
21  var path = d3.arc()  
22    .outerRadius(radius)  
23    .innerRadius(0);  
24  
25  var arc = g.selectAll("arc")  
26    .data(pie(data))  
27    .enter()  
28    .append("g");  
29  
30  arc.append("path")  
31    .attr("d", path)  
32    .attr("fill", function(d) { return color(d.data.percentage); });  
33
```

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Pie Chart

