Line chart Component –

'LineChartComponent' is used to create line chart of available docks for selected station in a specified location. In this component, 'get-chart-data service' is called to get available docks for selected stations and stored in array of object called 'chart'. This array is used as data source to plot line chart. Line chart has plotted using methods like initSvg(), initAxis(), drawAxis() and drawline(). This component is called from parent component 'ListOfStationsComponent'. This component is also used for calculating simple moving average line chart.

In this component's html page, we have included drop down list to select options like line chart for last one hour, last 24 hours and last 7 days. We have also included 2 check boxes to plot the SMA line chart for last one hour and last 24 hours on the same chart.