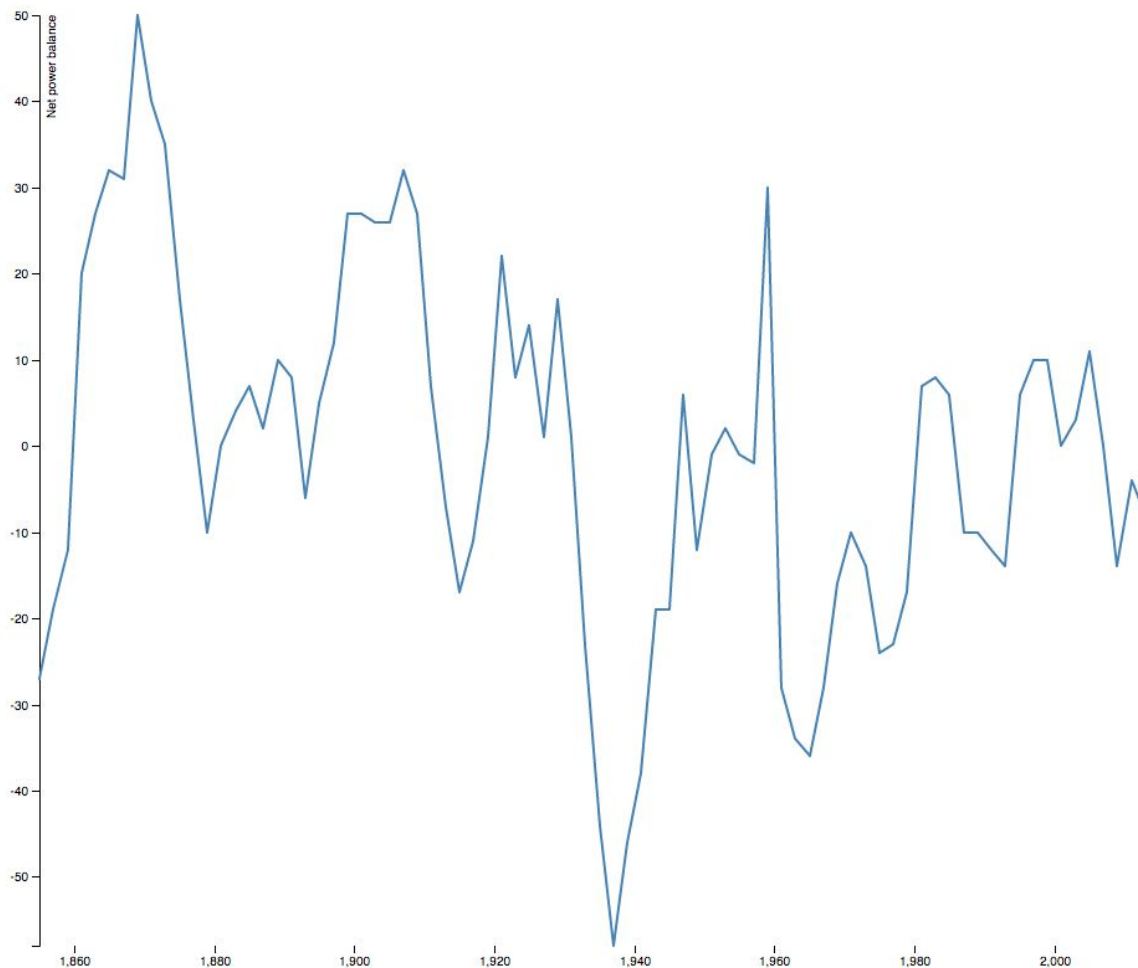


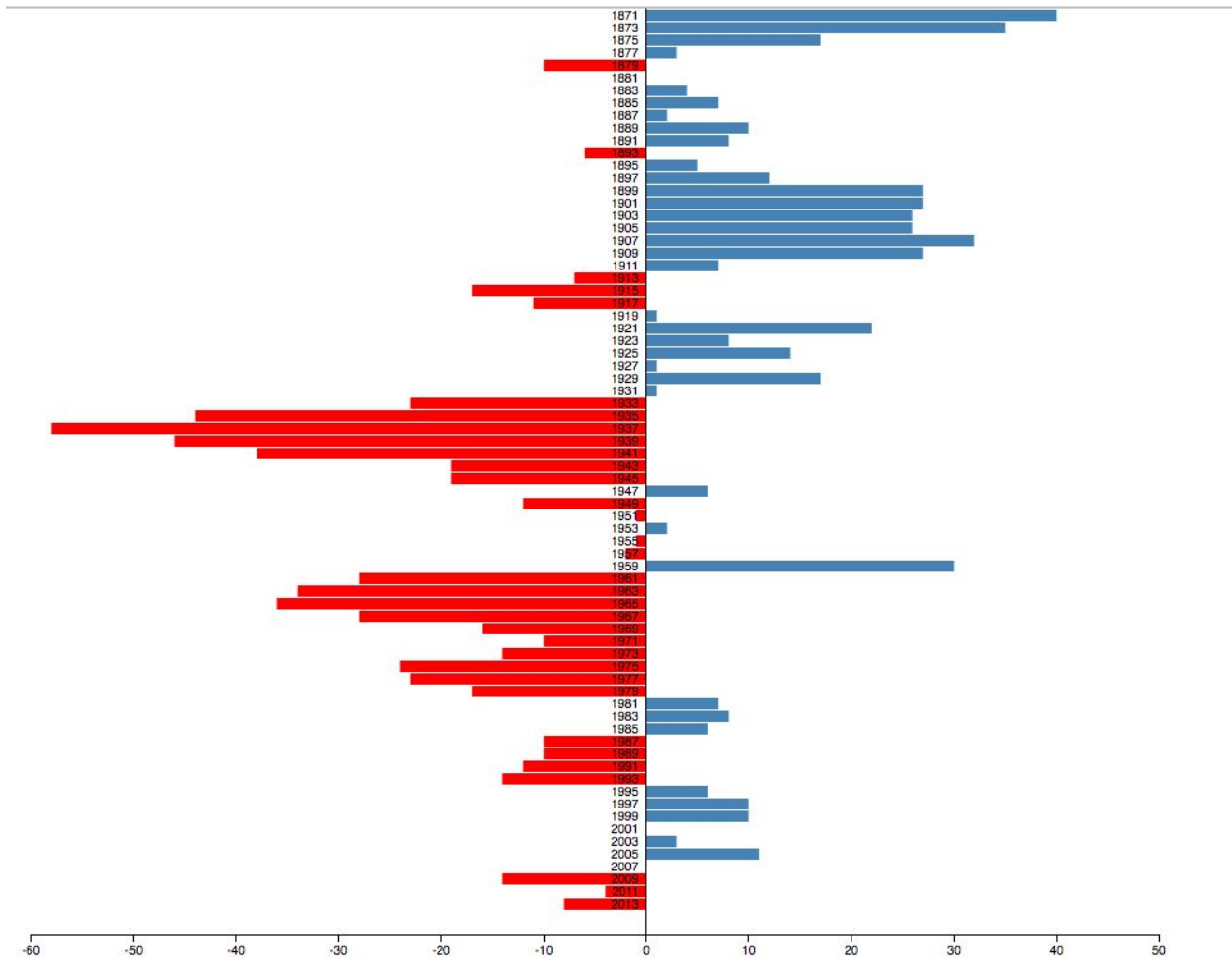
ASSIGNMENT 4

AMALA JOSHY

Line Chart :



The Y axis represents the net power balance and X axis holds the range of years. Each point on the line marks the net power balance for the corresponding year. This graph shows a trend over the years till 2013. If the number is positive it means that senate for that year contains more republicans and for negative it means that year senate had more democrats. This line graph shows that over their was a major change of rise in the number of republicans in senate during the range of 1860 - 1880. That was the time which held highest number of republicans in the senate. Until 1930 there were few changes but republicans seemed to dominate the senate. By 1930 there was a major drop in the number of republicans in senate. But it gradually increased over the years and they dominated again in the 1960. After 1980 the number seems to be more balanced with few number dominated for the ruling party.



Here it shows an alternative representation for the first chart. The X axis represents the Power net balance and the Y axis has Years listed. This graph has more information compared to the first. Rather than the trend this chart focus on the data and information. Each year information is clear and the color represents the number of people more on each party for that year. Red represents democrats and the blue represents the republicans. Here the mark is point and channel used is color.