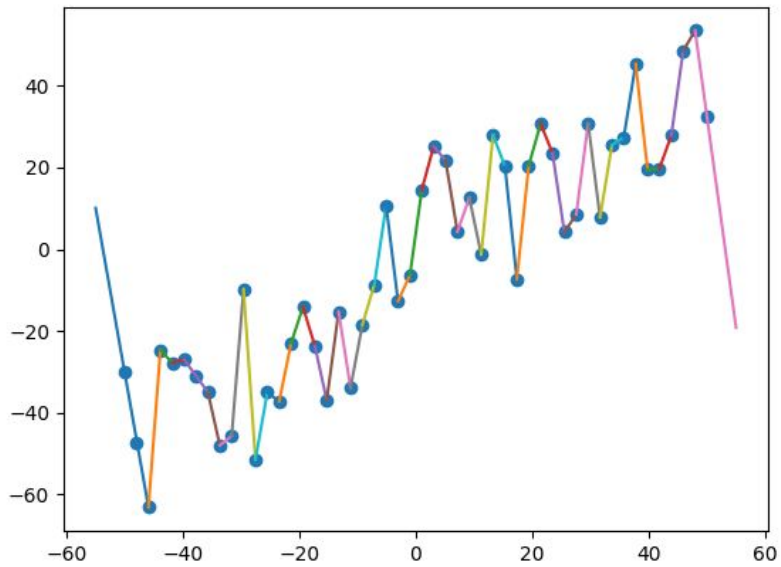


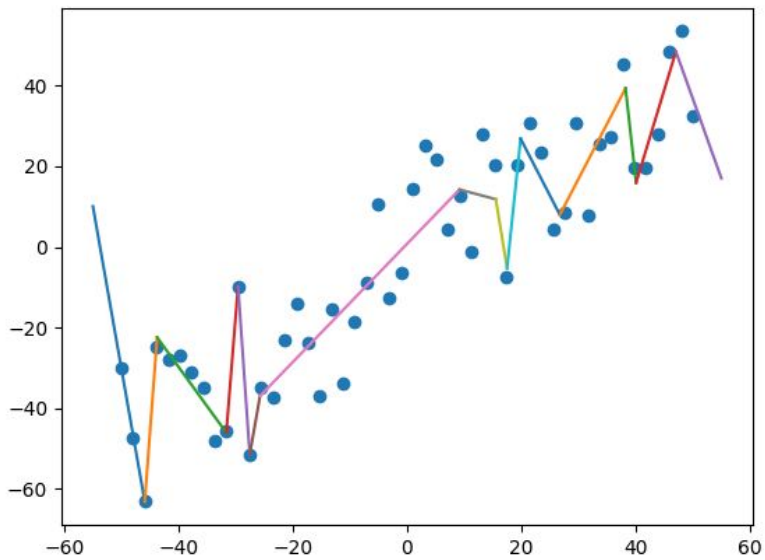
A sample of results

Number of points = 50

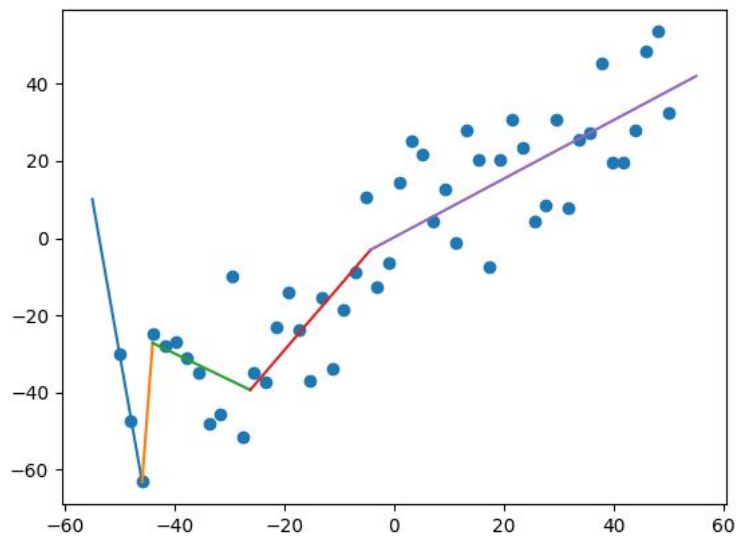
Value of $C = 0$



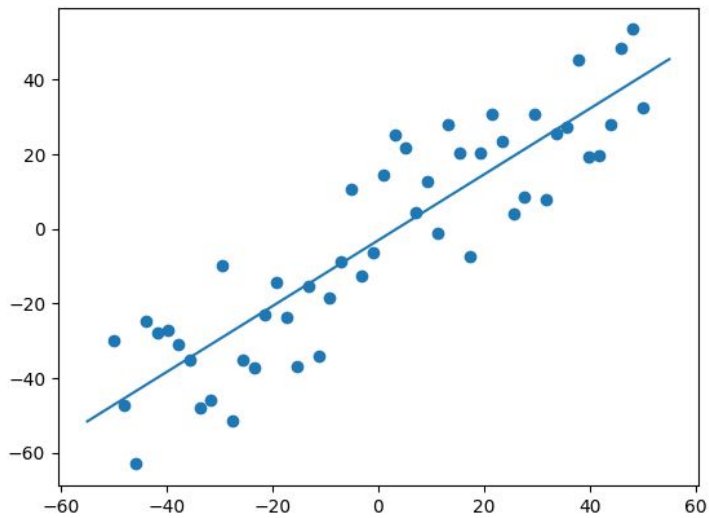
Value of $C = 500$



Value of $C = 800$



Value of $C = 4000$



As we increase C , the number of lines reduce as expected. At $C=0$, we see all points are connected to each other. At large enough C , a single line is formed.