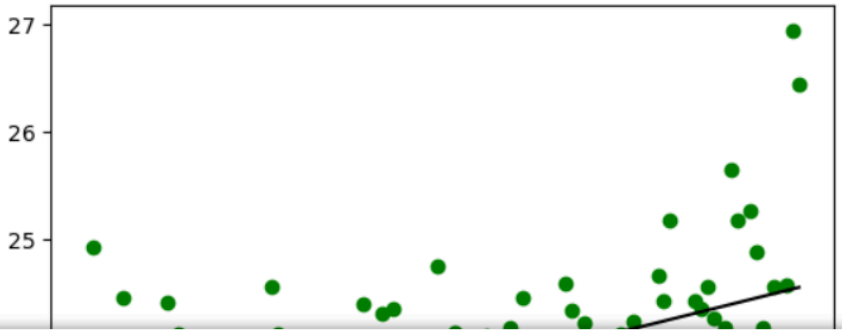
Assignment 2 (Output)

Sample Screenshot:

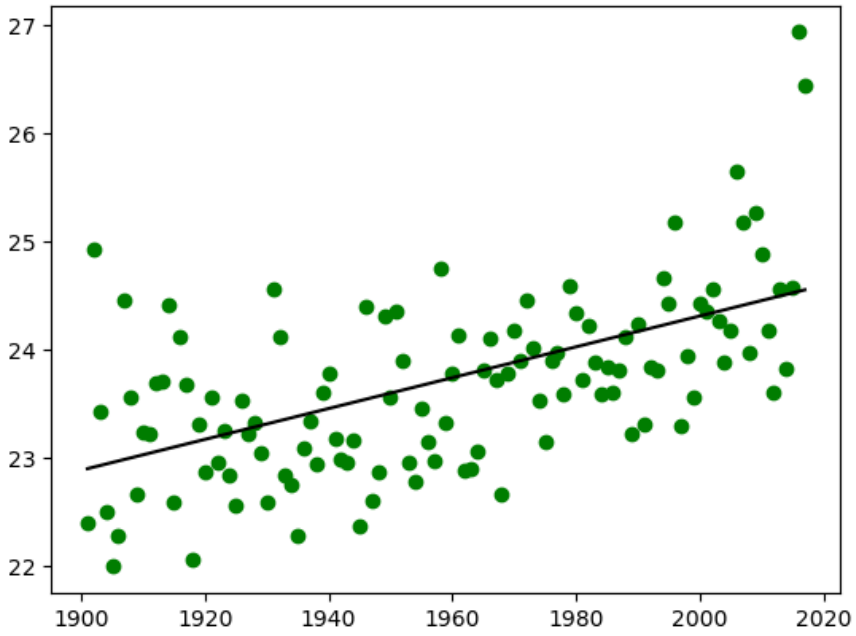
```
mpl.plot(x, model.predict(x), color= 'k')
mpl.show()
```

```
intercept: [-4.18296343]
slope: [[0.01424957]]
Mean Absolute Error: 1930.092874022988
Mean Squared Error  3726055.0498934025
Root Mean Squared Error: 1930.2992125298613
```



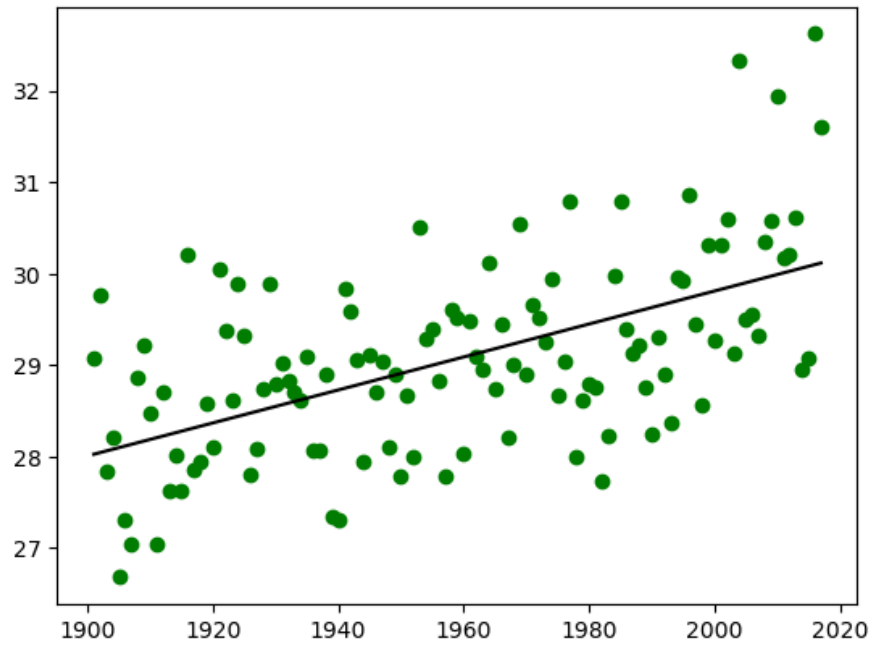
Real Output :

```
intercept: [-4.18296343]
slope: [[0.01424957]]
Mean Absolute Error: 1930.092874022988
Mean Squared Error  3726055.0498934025
Root Mean Squared Error: 1930.2992125298613
```

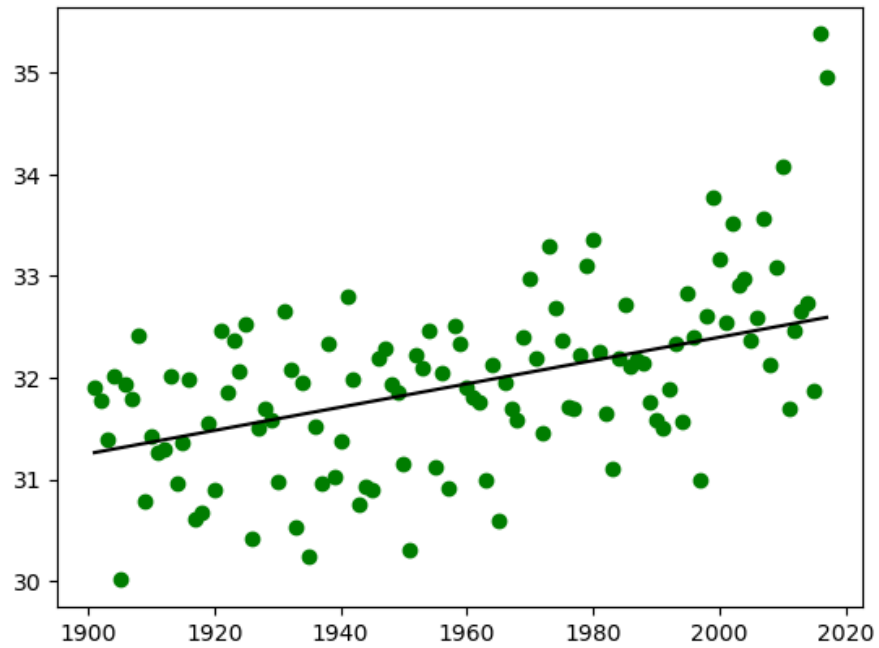



```
intercept: [-6.22974767]
```

```
slope: [[0.01801919]]
Mean Absolute Error: 1928.866344841274
Mean Squared Error  3721639.200614929
Root Mean Squared Error: 1929.1550483605326
```

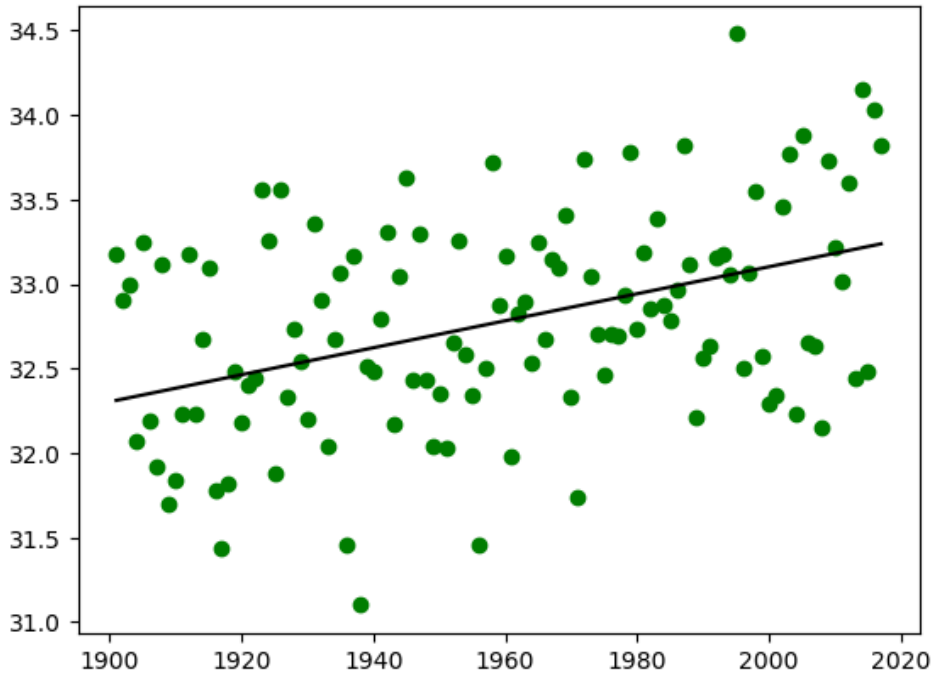



```
intercept: [9.46988003]
slope: [[0.01146372]]
Mean Absolute Error: 1931.4112763191858
Mean Squared Error  3731631.4621340227
Root Mean Squared Error: 1931.743114944123
```




```
intercept: [17.12804412]
```

```
slope: [[0.00798723]]
Mean Absolute Error: 1927.079201066027
Mean Squared Error  3714793.840795969
Root Mean Squared Error: 1927.3800457605576
```




```
intercept: [13.51166783]
slope: [[0.0102502]]
Mean Absolute Error: 1929.477156202919
Mean Squared Error  3724129.6107507874
Root Mean Squared Error: 1929.800406972386
```