## changed\_temperatures\_on\_my\_birthday

July 30, 2021

```
[]: '''
     next()
     function header
     consumer
                  data header
     row[,,(C),(C),(C)] -1.
     data : [] = list() list data list()
     data : [] = None
      def save_highest_temperatures(self):
          data = list()
      data : [] = list()
[57]: import csv
     import matplotlib.pyplot as plt
     import random
[29]: data = csv.reader(open('data/seoul.csv', 'rt', encoding='UTF-8'))
[30]: next(data)
[30]: ['', '', ' (°C)', ' (°C)', ' (°C)']
[31]: ls = list(data)
[51]: print([i for i in ls])
[52]: print([i[-1] for i in ls]) # show_highest_temperature
[36]: highest_temperatures = []
      [highest_temperatures.append(float(i[-1])) for i in ls if i[-1] != '']
     print(f' {len(highest_temperatures)} ')
```

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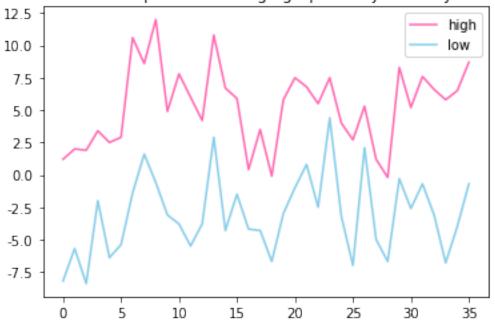
```
[41]: plt.figure(figsize=(20,2))
plt.plot(highest_temperatures, 'r') # red
```

[41]: [<matplotlib.lines.Line2D at 0x7fdd90708100>]

```
40 - 20 - 0 - 5000 10000 15000 20000 25000 30000 35000 40000
```

[50]: <matplotlib.legend.Legend at 0x7fdd931fbdf0>





[59]: arr = []
 [arr.append(random.randint(1, 1000))for i in range(13)]
 plt.boxplot(arr)
 plt.show()

