ECE 568 Assignment 3
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Performance evaluation

Figure shows 1 point prediction.

```
absoluate error: 0.012
relative error: 0.0
```

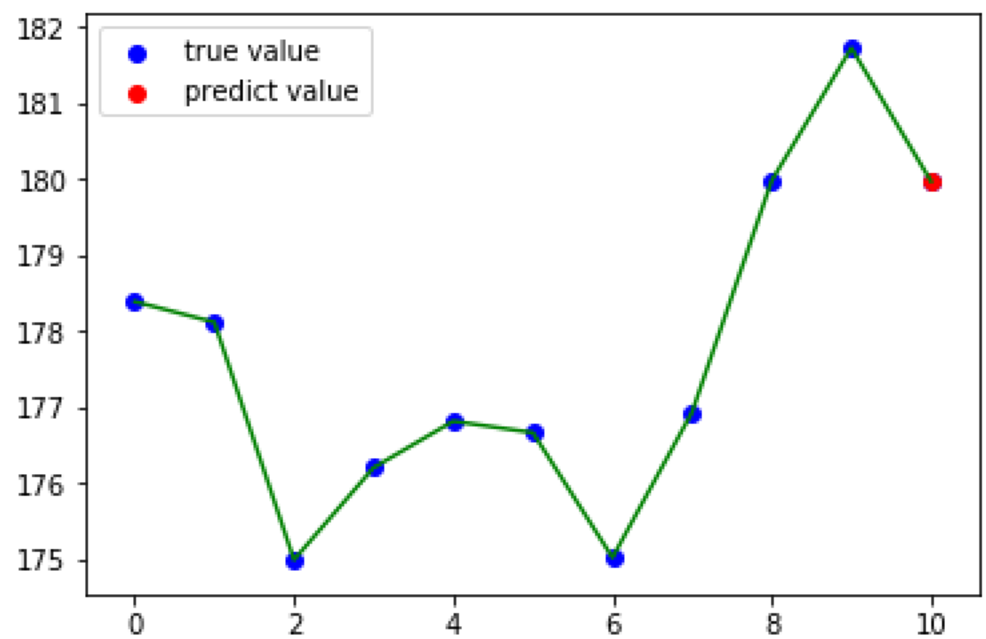

Figure 1

As you can see, the prediction error is very small. The red point is almost on the blue point. The absolute error is just 0.012.

Then I randomly selected 10 days and used their 10 days before data to predict their stock price.

```
10 predicted days: [ 90  25  60  69 126  39  76 150 212 192]
absolute errors: [2.75 3.86 1.18 2.13 2.2  4.74 2.21 2.92 2.13 2.  ]
realtive errors: [0.01 0.02 0.   0.01 0.01 0.02 0.01 0.01 0.01 0.01]
mean absolute error: 2.6173464985083683
mean relative error: 0.01430370063202012
```

Figure 2

The performance of my program is pretty great. The mean absolute error is just 2.61