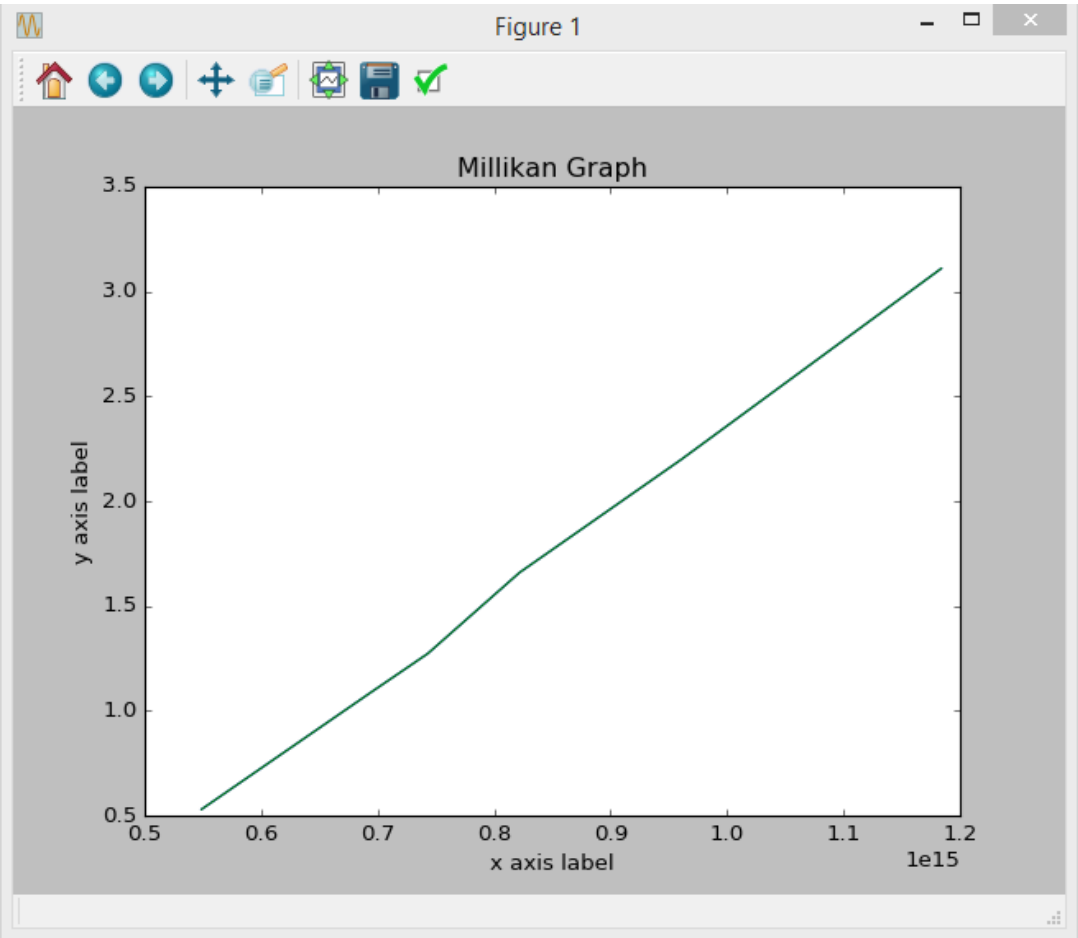
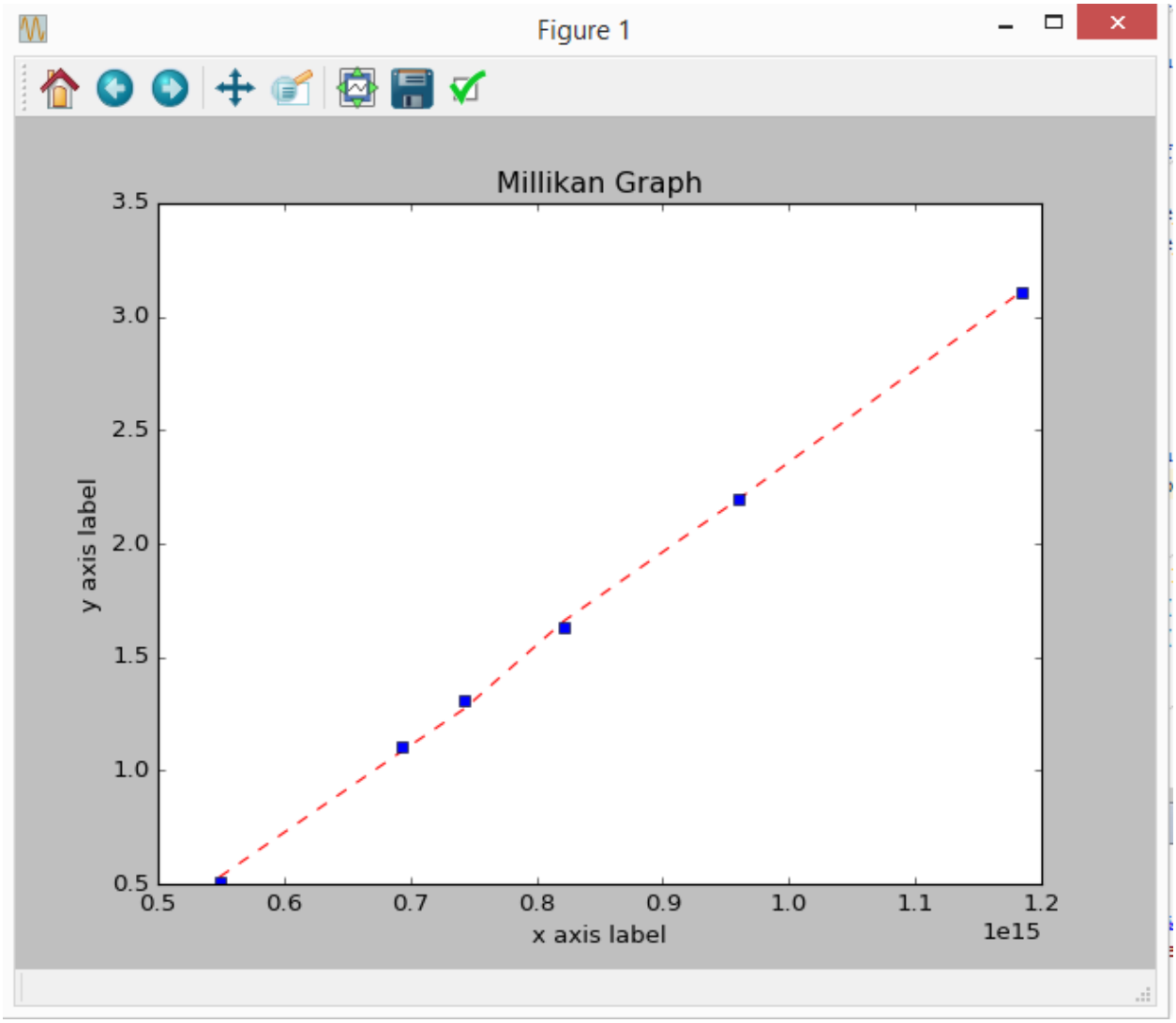
Problem 2:



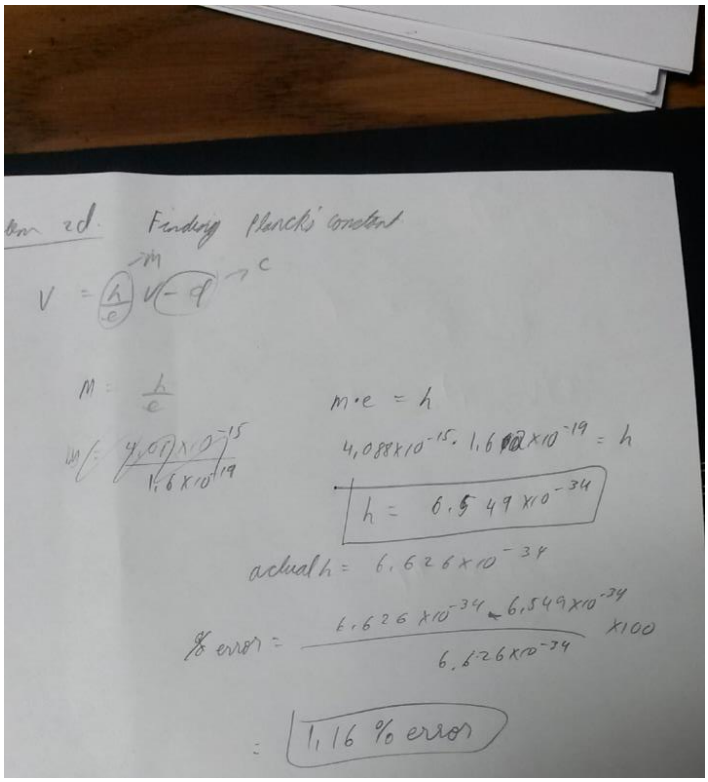
In 2a I simply graphed the points after reading them in using readFile.read.

```
In[53]: execfile('Prob2.py')
(4.088227358517502e-15, ' is the slope')
(-1.73123580398135, ' is the y intercept')
```

In 2b I used the formula to calculate for the slope and the y intercept of the graph.



After performing the least squares approximation, this was the resulting line. I got this by applying the formulas for the various E values, and then subbing them into the formula providing for the m and c values. Plotting this with the original X values gave me this.



For part d I simply set the equation of h/e equal to the slope I got from the code, this gave me a 1.16% error from the true planck's constant value.