

Jonny Hughes

Numerical Methods

4-8-20

Exercise 6

See Two submitted code files.

My Results:

```
>> Coarse_Check  
  
i = 1000  
per = 49.500  
i = 2000  
per = 49.450  
i = 3000  
per = 50  
i = 4000  
per = 49.800  
i = 5000  
per = 49.940  
i = 6000  
per = 50.117  
i = 7000  
per = 49.943  
i = 8000  
per = 50.038  
i = 9000  
per = 50.222  
i = 10000  
per = 50.200  
,
```

This is about expected. The standard Deviation is not very high, and it seems to be balance around 50.000 which would be expected. The furthest from that would be 49.450, which is less than .6 off.