

HW2 Queenie

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```
[1]: import numpy as np
[6]: for n in range (1,11):
      l = np.random.poisson(np.log(1+n),10000)
      cost = [(12*x -3*n) for x in l]
      average = sum(cost)/10000
      print(n, average)
```

```
1 5.2872
2 7.1124
3 7.776
4 7.3752
5 6.7248
6 5.352
7 4.0392
8 2.352
9 0.462
10 -1.134
```