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## **Programming Assignment**

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Download the Lecture Notebooks here.

Make sure to test out the "What is probability?" lecture before attempting the homework.

Download Assignment Here

When you have complete the specified "Modify this cell" portions of the notebook. Submit you notebook using the interface below.

The interface will tell you how many "execution failures" your notebook has. 0 execution failures out of 3 checks means you receive 100~% . 1 execution failure means you receive  $\frac{2}{3}$  points and so on.

## seq\_sum

1 point possible (graded)

| possible output to seq_sum(2)?                                    |
|---|
| <b>0</b>  |
| <b>1</b>  |
| □ 2   |
| □ 3   |
| Submit You have used 0 of 3 attempts                              |
| <pre>estimate_prob 1 0.0/1.0 point (graded) In the function</pre> |
| $\circ$ $m{n}$ times  |
| $lacksquare$ $oldsymbol{m}$ times                                 |
| lacksquare k2-k1 times  |
| <pre>0 times, estimate_prob does not use seq_sum</pre>            |
|   |

For the seq\_sum function in Exercise 1, which of the following is a

## estimate\_prob 2

1 point possible (graded)

Which of the following is the most plausible answer for

estimate\_prob(100,40,60,1000)

Hint: Try running the function a few times to find out.

0 1.50

0.95

0.75

0.53

0.10

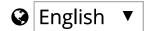
Submit

You have used 0 of 2 attempts

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