



[Topic 1: Introduction to Probability.](#)

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Programming Assignment

[Download the Lecture Notebooks here.](#)

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

Save link to download the [programming assignment](#) and answer the following questions.

Q1

1/1 point (graded)

For the `seq_sum` function in Exercise 1, which of the following is a possible output to `seq_sum(2)` ?

☒ 0

☒ 1

☒ 2

☐ 3



You have used 1 of 3 attempts

Q2

1.0/1.0 point (graded)

In the function `estimate_prob(n,k1,k2,m)` how many times should the `seq_sum` be called?

☐ n times☒ m times ✓☐ $k2 - k1$ times☐ 0 times, `estimate_prob` does not use `seq_sum`

You have used 1 of 2 attempts

Q3

1/1 point (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.

☐ 1.50

☒ 0.95 ✓

☐ 0.75

☐ 0.53

☐ 0.10

Submit

You have used 1 of 2 attempts

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