

# 8595 - LAB 13

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## Instructions

1. Access the auto-grader at <https://c200.luddy.indiana.edu>
2. Please write the code for the problems in python language
3. The code should be readable with variables named meaningfully
4. Plagiarism is unacceptable and we have ways to find it, so do not do it
5. Don't change the function signature (name of the function and number and types of arguments) provided in this file.
6. Once you pass all the tests on the auto grader, show your work to the teaching assistant

## Problem

### Question

Birthday Paradox: Plot the probability of two people sharing the same birthday on y-axis and number of people in the group on x-axis.

Write your observations on the plot. Make comments on how this is related to the collisions concept which you have learned in hashing.