

Homework 4

Week 4

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Collaborators. ChatGPT (for LaTeX styling and grammar checking)

1 Week 4: Expectation and Variance of Discrete RVs

Problem 1. Here's problem statement.

```
1 print("You can insert code like this")
```

You can insert sub-problem

- a) Here's sub-problem a.
- b) Here's sub-problem b.
- c) Here's sub-problem c.

Solution. The solution goes here.

TO SUBMIT

Problem 2. Here's the problem statement for **MANDATORY** problem.
Solution. Here's the solution for the **MANDATORY** problem.
ABC.
Proof. Here's the proof for the **MANDATORY** problem.