Algorithmic Thinking in Autonomous Machines - Application1: Formulate a search strategy

This is a team assignment. Every team member should contribute to this assignment, and only the team members should work on this assignment. Once you submit this form, you will receive a copy of your responses to your email address.

You may use the following resources for this assignment:

- NEET Autonomous Machines presentation
- Algorithmic Thinking in Autonomous Machines - Student Guide

You are allowed to use additional resources, as long as you report on your use below.
You are allowed to use generative AI, as long as you report on your use below.

* Indicates required question

1. Email *

2. First name and last name of every team member *

3. Share the link to your solution (your Scratch project) here. *

   Please make sure the link is accessible for viewing.

4. Explain in brief your strategy for achieving the goal of finding all the balls (or identifying there are no balls) as quickly as possible. *

5. Upload **HERE** screenshots with one example for each type of operation: Sequential; Conditional; Iterative; Nested (any kind). If you don't have an example for any type, please note that here.

6. If you used any additional resources for this assignment, please provide their URLs/references here and describe what item/s you used them for.

7. If you made use of generative AI (like chatGPT) while working on this assignment, please provide details here about what tool/s you used, how you used them, how you found it useful, and what potential shortcomings you found. Add any other information you deem relevant.

8. If there was anything that was not clear in this assignment, please add your comments here.

SP.248 The NEET Experience
Fall 2025