Design Strategies Week 5: Elevator Control Algorithm
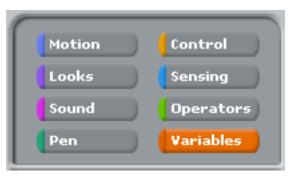Presented by Prof. Fred Martin and Mark Sherman

Your task:

Develop an algorithm to control an elevator.

Your tools

Instead of trying to use real elevators, or doing everything with paper and pencil, we are going to use a simulator. Drag and drop command blocks into the center panel to add them to the program. Connect command blocks together to create sequences of events.

Command blocks are organized into categories. The ones you will be using are **Control, Operators, and Variables.**

Elevator Control Blocks

To get to the Variables panel, click the red Variables button. Scroll all the way to the bottom and you will see gray blocks. These gray blocks control the elevator.

The other categories also hold important blocks.
- Control
  - If a condition, do something
  - Wait until something happens
- Operators
  - Compare numbers: >, =, <
  - NOT operation: reverse yes and no