Self Balancing Segway Robot
What is a Segway robot?

- Two wheeled motorized robot
- Keeps its balance
- A device for transportation
How does it work?

• A sensor falls from the upright position
• The wheels move under the sensor to return it to upright position
Self Balancing Segway Robot

- Keeps its balance
- Cannot move
- Cannot carry object
Component

- Arduino
- H-bridge Dual Motor Controller
- Two DC motors
- MPU-6050
Our Goal

• Can move
• Carry object while it is moving
• Control its movement