

## Lab 10: Switch Control Using Color

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1. Define an integer variable named color and write the value of the Light Sensor to it in real time.
2. Write a program that:
  - a. Runs the motors at quarter speed by default.
  - b. Speeds up the motors to full speed when the green card is placed on the light sensor.
  - c. Stops the motors when the red card is placed over the light sensor.
3. Terminate the program using a break when the bump switch is pressed.