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EECE416 Microcomputer

Howard University

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ARDUINO: TRAFFIC SIGNAL

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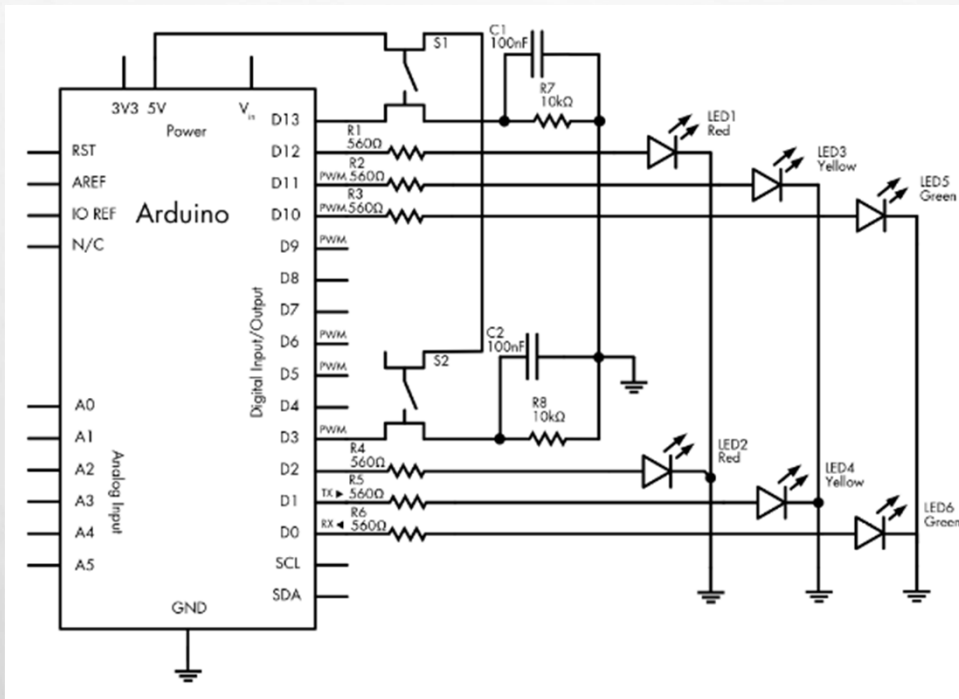
BRAINSTORMING PHASE

- DEVELOP/DESIGN BRAGGING PROJECT OF EQUAL OR GREATER IMPRESSIVENESS AS CHRISTMAS TREE (INCORPORATING PUSH BUTTON)
- PLAYED WITH ARDUINO TOOLS THAT COME WITH THE SOFTWARE
- RESEARCHED OTHER COOL PROJECTS WITHIN OUR BUDGETARY CONSTRAINTS

FINAL PRODUCT

- TRAFFIC LIGHT DESIGN
 - TWO SETS OF LIGHTS (1 SET = RED, YELLOW, GREEN)
 - TWO PUSH BUTTONS
- SIMILAR TO SENSORED TRAFFIC LIGHTS
 - IF THERE IS TRAFFIC FROM THE WEST, THE EAST IS TURNED TO YELLOW THEN RED AND THE WEST IS TURNED TO GREEN
 - PUSHBUTTONS REPRESENT THE SENSORED LIGHT

SCHEMATIC



QUESTIONS?

DEMONSTRATION!