**Purpose:** To use if statements in a program to vary the output on the screen.

**Description**: You will create a window on the screen that is no smaller than 800 x 600 and no larger than 1024 x 768. This window will be divided in half by a line. If the mouse crosses the line, the entire screen will change to the exact opposite color. You should be able to see the line in your program. You may also choose any color (and its exact opposite) you want.

