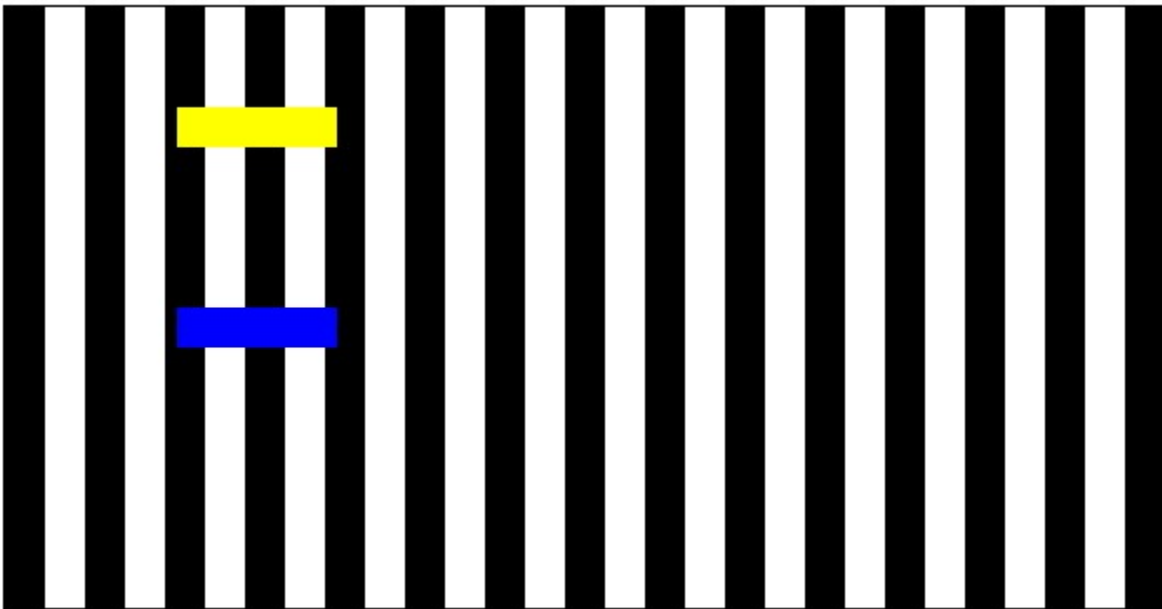


## Web Design

### Canvas #4 – Stepping Feet

Objective: Use the HTML5 canvas object and Javascript to create the Stepping Feet illusion.

1. In your Web Design folder, create a folder titled `first_last_canvas_4`. Open the `canvas_template.html` file and save it in your `first_last_canvas_4` folder as `canvas_4.html`.
2. Edit the `canvas_4.html` file
  - a) Change *CHANGE ME* to *First Last – Canvas 4*
  - b) Change the width of `<canvas>` to 580 and the height to 300.
  - c) In the `draw()` method, draw the Stepping Feet illusion on the canvas.
    - i. The grid consists of rectangles that are 20px wide, are as tall as the canvas, and are evenly spaced at 20px. The grid color is #000000 (black).
    - ii. The "feet" should be rectangles of width 80 and height 20.
      1. The yellow rectangle is color #FFFF00 and is drawn 50 pixels from the top of the canvas.
      2. The blue rectangle is color #0000FF and is drawn 150 pixels from the top of the canvas.
    - iii. Create constants for all appropriate variables.
    - iv. Use the method discussed in class to cause the "feet" to start off the screen on the left, move across the canvas until they disappear on the right, and then reappear on the left.



3. Compress your `first_last_canvas_4` folder. Turn in your `first_last_canvas_4.zip` file.