

# Computational Thinking Analysis

- Repetition
  - Randomness
  - Tiling
  - Packing
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- 17 X 17 squares
  - Light blue stroke for background static squares
  - No fill in all squares
  - Same stroke weight for all squares
  - Different Stroke color for randomly drawn squares
  - All Squares have same width and height
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- All blue squares have uniform distance to each other
  - Blue squares packed in a bigger square
  - Random colored squares randomly generated in the middle
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- Stroke weight
  - Stroke color
  - Yellow = (255,255,0)
  - Red = (255,0,0)
  - Purple = (160,32,240)
  - White = #FFFFFF
  - Light Blue = #ADD8E6
  - No fill
  - Size
  - Width

- Height
- X position
- Y position

- `var stw; 2`
- `var w_color; #FFFFFF`
- `var b_color; #ADD8E6`
- `var xpos; 50`
- `var ypos; 50`
- `var h; 20`
- `var w; 20`
- `var repx; 30`
- `var repy; 30`
- `var sz; 40`