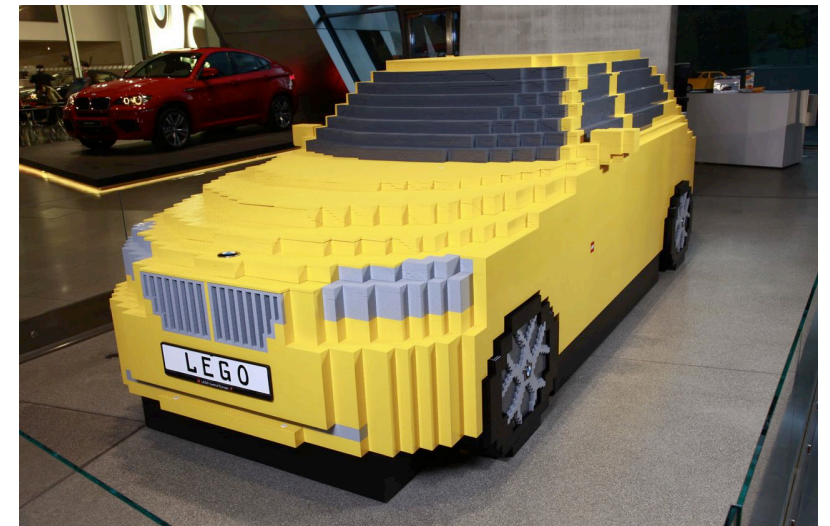
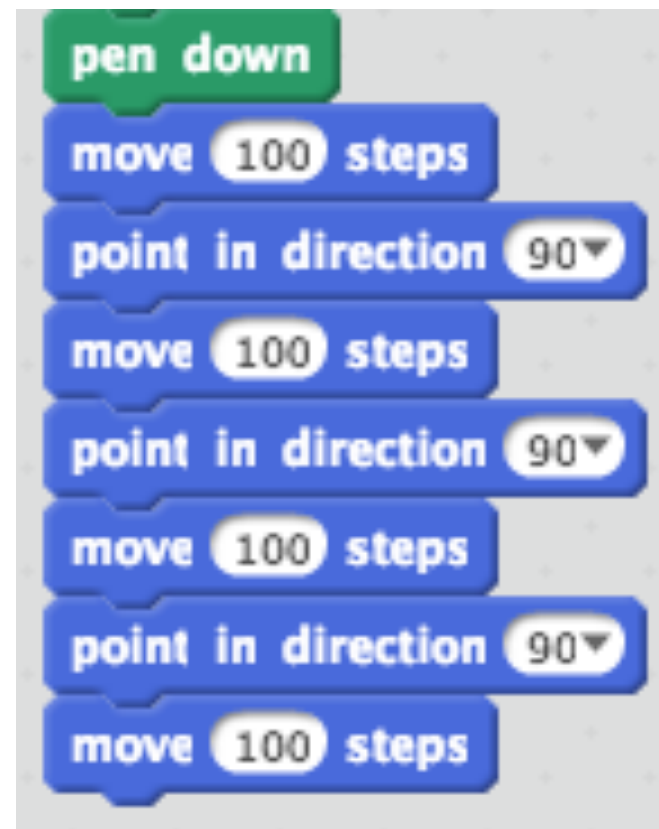
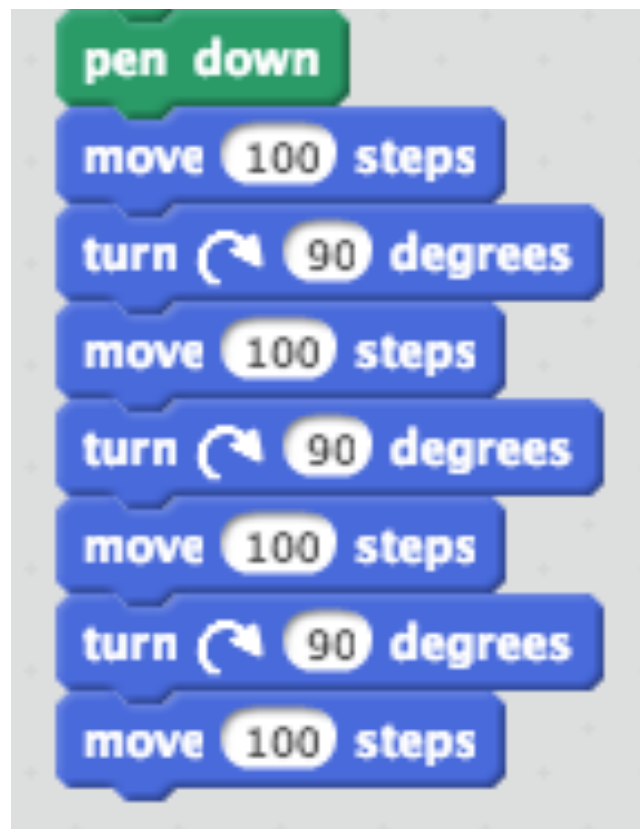


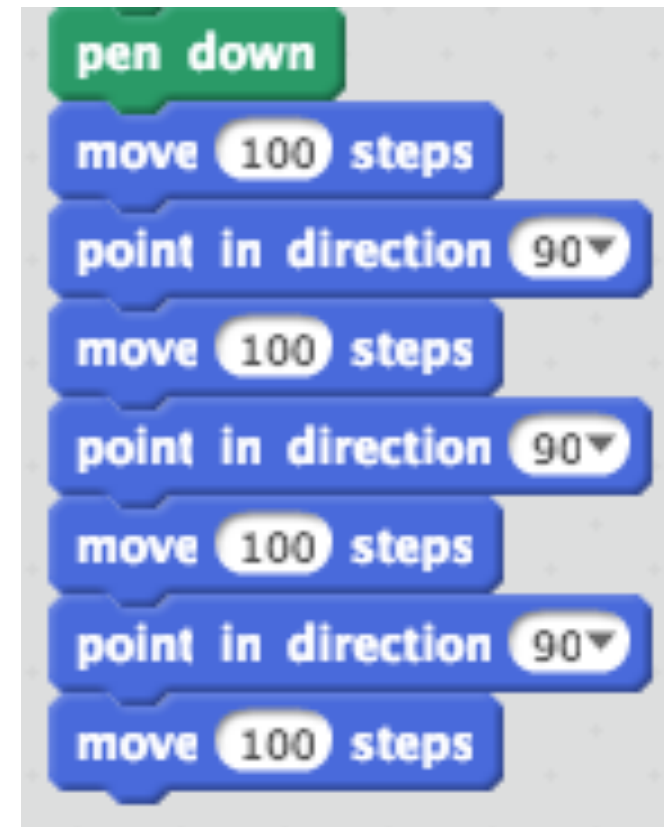
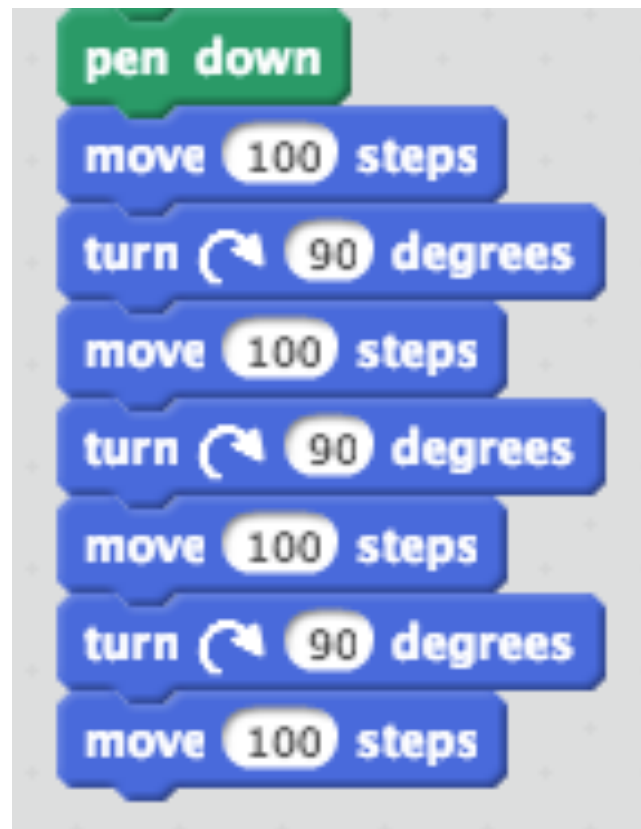
Do Now: What's the difference between these two scripts? What does each one do?



Gotcha #1:



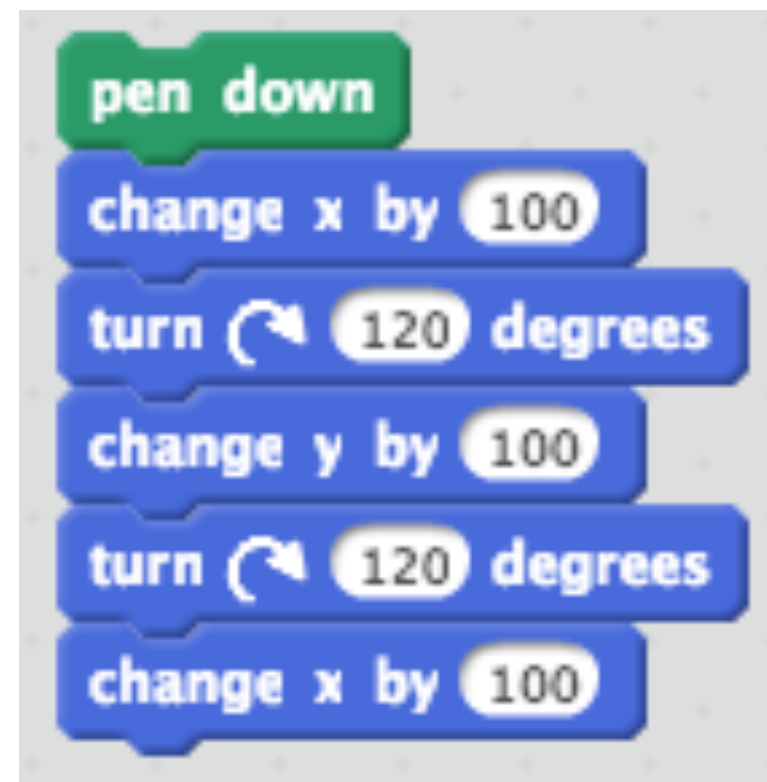
vs



Gotcha #2:



vs



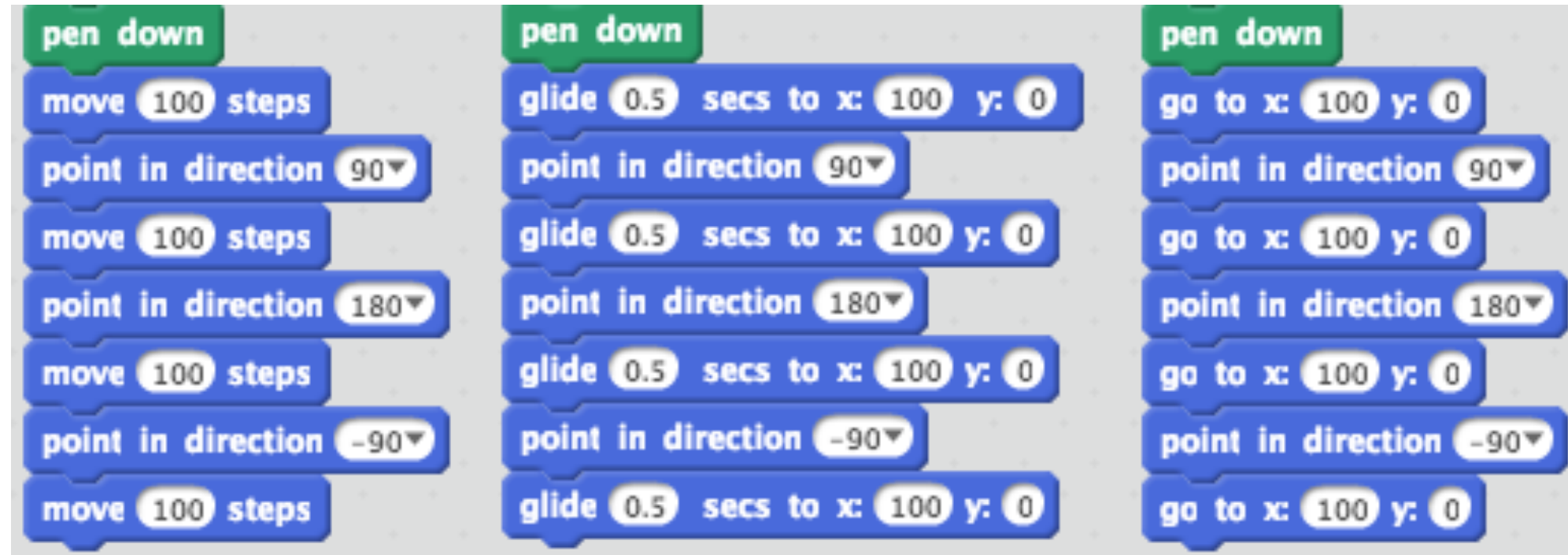
What about



and



?

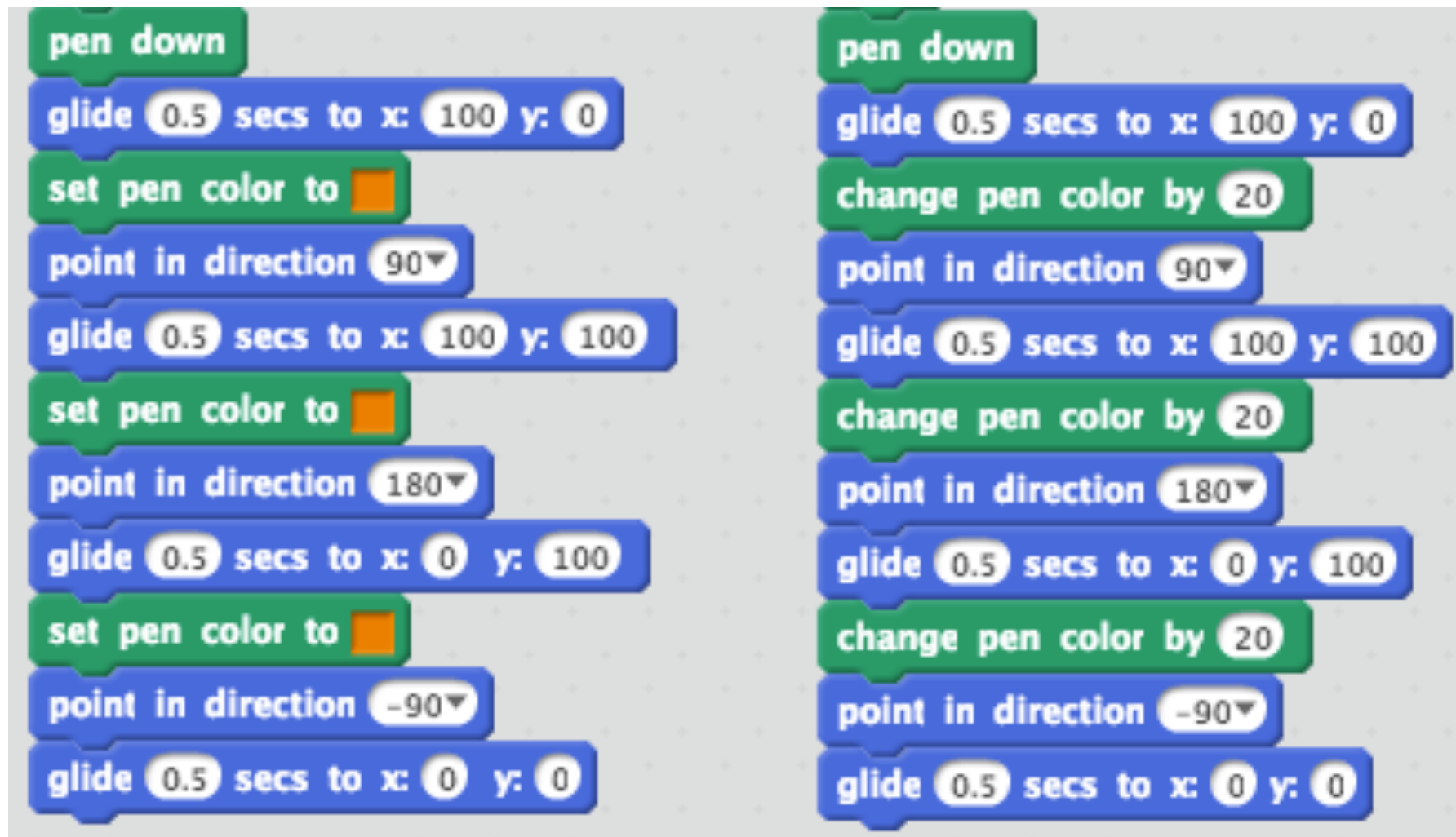


Gotcha #3:

set pen color to 




vs

change pen color by 10



The image displays two side-by-side Scratch scripts on a light gray grid background. Each script starts with a green 'pen down' block. The left script follows a path: (100, 0) to (100, 100) at 90 degrees, then (100, 100) to (0, 100) at 180 degrees, and finally (0, 100) to (0, 0) at -90 degrees. It uses three 'set pen color to' blocks, each with an orange color swatch. The right script follows the same path but uses three 'change pen color by 20' blocks instead of 'set' blocks. The 'vs' text is centered between the two script columns.

Left Script:

- pen down
- glide 0.5 secs to x: 100 y: 0
- set pen color to 
- point in direction 90▼
- glide 0.5 secs to x: 100 y: 100
- set pen color to 
- point in direction 180▼
- glide 0.5 secs to x: 0 y: 100
- set pen color to 
- point in direction -90▼
- glide 0.5 secs to x: 0 y: 0

Right Script:

- pen down
- glide 0.5 secs to x: 100 y: 0
- change pen color by 20
- point in direction 90▼
- glide 0.5 secs to x: 100 y: 100
- change pen color by 20
- point in direction 180▼
- glide 0.5 secs to x: 0 y: 100
- change pen color by 20
- point in direction -90▼
- glide 0.5 secs to x: 0 y: 0