

Fadecandy exercises W1

1. Turn on all LEDs in a solid colour of your choice.
2. Turn on every 3rd LED in a different colour of your choice.
3. Program a flashing sequence – every 2nd LED changes colour once a second.
4. Turn on LEDs in a diagonal pattern instead of a vertical one: How would you do this? Experiment with different offsets, different gaps between LEDs.
5. Turn LEDs on in a sequence, where each LED has a slightly higher (or lower) brightness than the previous.
6. Try to make a snake sequence – turn on 10 LEDs at a time, every second a new LED in front of the 10 lights up and the last of the 10 turns off. (Similar to the Labview knight rider exercise from last year).