1. In Knight Rider, why does each LED require its own pin?

Because each LED need to function in different sequences. If they don’t have its own pin. Their will turn on and turn off in the same time.

1. Why is Knight Rider 2 in the Arduino tutorial so much shorter than Knight Rider 1?

Because Knight Rider 2 uses “For” function instead of typing all the series of the functions. And the program can read it that way.

1. What resistor value should be used with the LEDs?

220 Ohm resistors