

Exercise 2



The 8 LED indicators on the board must be programmed to imitate KITT's frontal scanner bar. This means that 3 LED-s should be lit up at a time. These 3 LED-s will move back and forth on the row of LED-s, imitating KITT's frontal scanner bar. Ideally the LED-s should "disappear" off one side of the row before moving back again. This means that, before starting to move back, only one LED should be lit up.

Switches are not required this time, but the lights must be timed, so a delay must be used.

To create a delay, use `DelayApprox10Us (int x)` function, where the parameter equals to the time you need the delay to last, times 10 microseconds. For example, 10000 equals to 0.1 seconds.