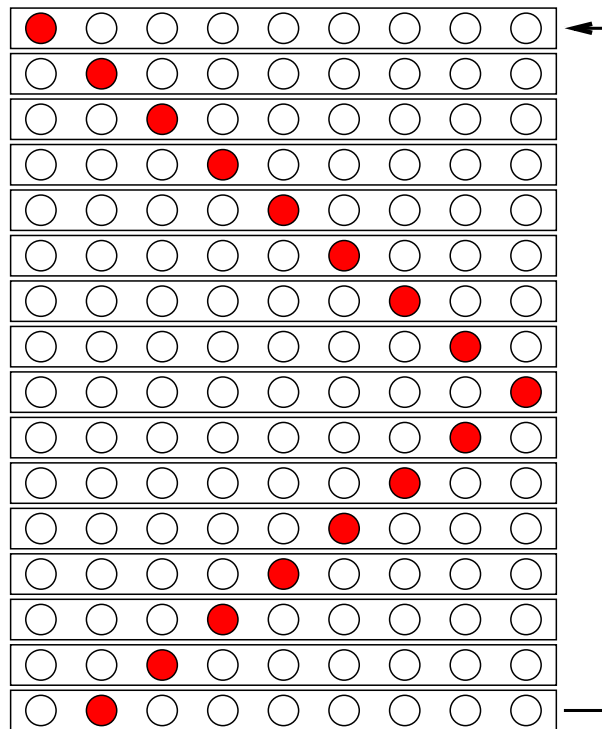


Knight Rider Effect in AVR Assembly

As your preliminary work for Lab#1, write an AVR assembly program to create the *Knight Rider Effect*: 8 LEDs connected to PORTB of your Arduino Mega 2560 board are expected to produce the following LED sequence:



You may test your code using PICSimLab. A spare parts configuration file named *knight.pcf* is provided on SUcourse, which can be used to get 8 LEDs connected to PORTB.

Upload your main.S to SUCourse. The pre-lab assignment is to be done individually.

You will be assigned a new task during the laboratory session. This will be done as a group.

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