

Scenario 1: Traffic Light

Scenario:

Traffic lights are signalling devices positioned in road intersections and pedestrian crossings. You are required to write a sketch that converts the engduino into a traffic light which could be used on road intersections.

In this question, you are required to create a sketch that makes the Engduino behave like a traffic light. One way to do this is to switch on LED 1, wait for 800 ms then switch on LED 3, wait for another 800 ms and then switch on LED 5 and finally it switches back to LED 3 then loops. This makes the Engduino behave similar to a traffic light.

LED # on	# 1
Pause for:	# 800
LED # off	# 1
LED # on	# 3
Pause for:	# 800
LED # off	# 3
LED # on	# 5
Pause for:	# 800
LED # off	# 5
LED # on	# 3
Pause for:	# 800
LED # off	# 3