

HW # 4:

Challenge Problem

Using only one timer, create a PLC program which will turn on light L0 immediately when a switch is closed, then 3 seconds later light L0 goes off and light L1 goes on, then 3 seconds later light L1 goes off and light L2 goes on, etc. When the last light goes off the first light begin again and the cycle repeats endlessly, until a reset switch halts the sequence.