```
1
        // Create a PLC Program for a Blinking Lamp
        PROGRAM PLC PRG
 3
        VAR
 4
            start AT %IX0.1: BOOL;
 5
            lamp AT %QX0.1: BOOL;
            temp : BOOL ;
 7
            TON 0 : TON ;
            elapsedTime_0 : TIME;
elapsedTime_1 : TIME;
 8
 9
            TON_1: TON;
10
11
        END_VAR
12
```

```
1
                               TON 0
                                                               lamp
       start
                    temp
                               TON
                               -( )
                             ΙN
                    T#500MS -
                             PT
2
                   TON 1
        lamp
                   TON
                                                               temp
                 IN Q PT ET — elapsedTime_1
                                                                -(
        T#500MS
```