```
     ORG 0
STRT : MOV TMOD,#15H
       SETB P3.4
       MOV TL0,#00H
       MOV TH0,#00H
       TIM1: MOV R3,#16
       BACK : MOV TL1,#0
              MOV TH1,#0
              SETB TR1
              SETB TR0
              CHECK : JNB TF1,CHECK
                      CLR TF1
                      DJNZ R3,BACK
                      MOV A,TL0
                      MOV P2,A
                      MOV A,TH0
                      MOV P1,A
                      SJMP STRT
     END
```