EXPERIMENT 7
Generating a square wave of bit P1.0 shown on oscilloscope.

Code: **Circuit:**
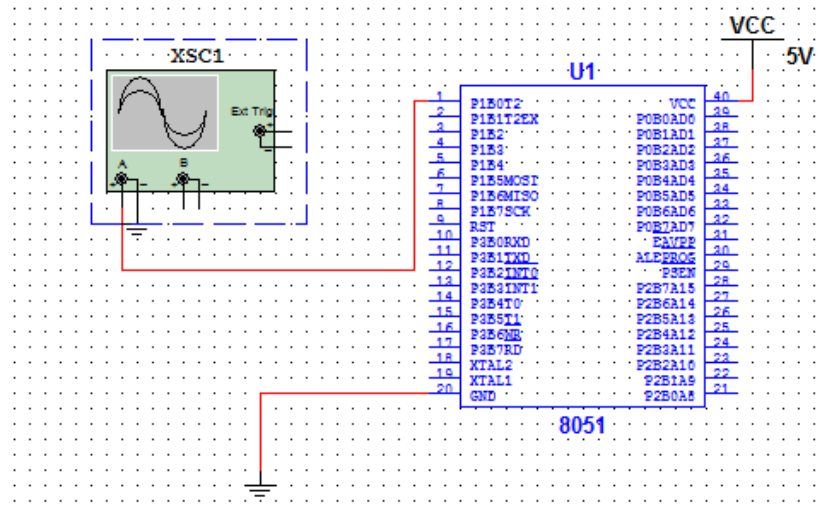
```
$MOD51

    LOOP:SETB P1.0
        ACALL DELAY
        CLR P1.0
        ACALL DELAY
        SJMP LOOP


    DELAY: MOV R1,01H
      L1: DJNZ R1,L1
          RET


        END
```


Outputs: