CLOCKWISE ROTATION OF STEPPER MOTOR USING 8051 USING PROTEUS

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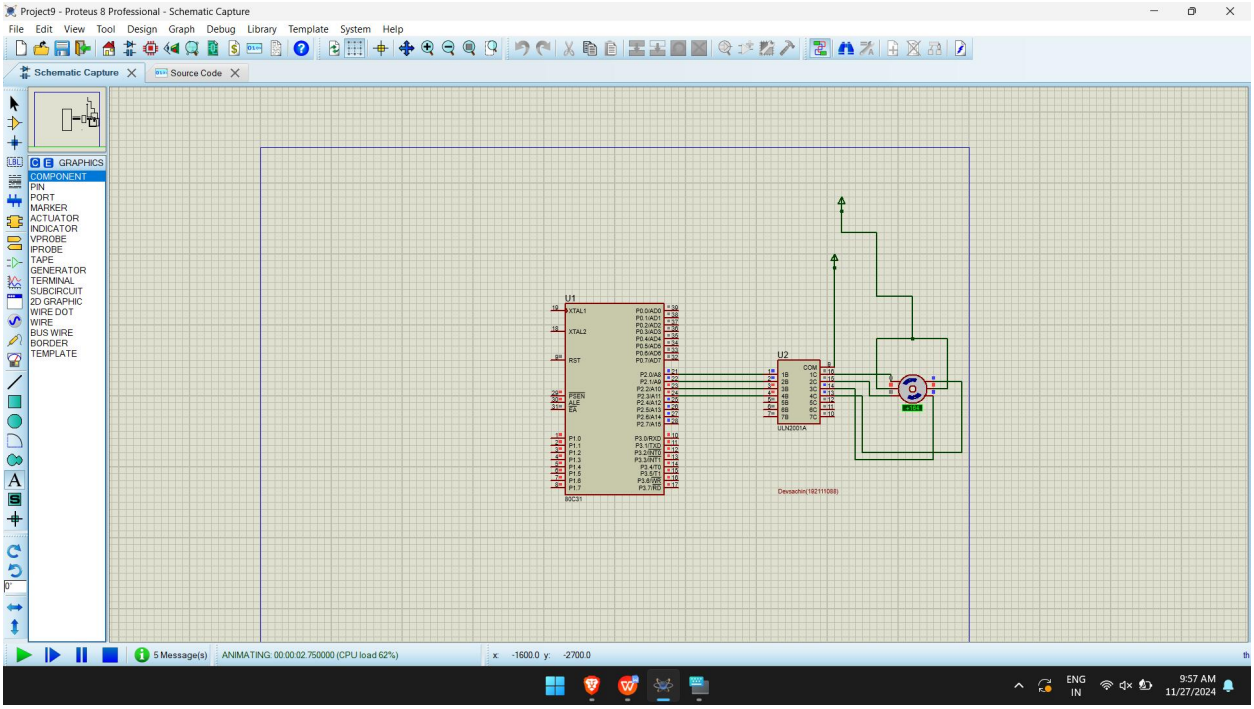
COURSE CODE: ECA1487, Embedded Systems for IOT Applications

PROGRAM:

```
        ORG 0000H
   UP: MOV P2,#09H
       ACALL DELAY
       MOV P2,#0CH
       ACALL DELAY
       MOV P2,#06H
       ACALL DELAY
       MOV P2,#03H
       ACALL DELAY
       SJMP UP
DELAY:MOV R4,#18
    H1:MOV R3,#255
    H2:DJNZ R3,H2
       DJNZ R4,H1
       RET
       END
```

OUTPUT:


Project9 - Proteus 8 Professional - Schematic Capture
File Edit View Tool Design Graph Debug Library Template System Help
Schematic Capture
Source Code
GRAPHICS
COMPONENT
PIN
PORT
MARKER
ACTUATOR
INDICATOR
VPROBE
IPROBE
TAPE
GENERATOR
TERMINAL
SUBCIRCUIT
2D GRAPHIC
WIRE DOT
WIRE
BUS WIRE
BORDER
TEMPLATE
U1
XTAL1
XTAL2
RST
PSEN
ALE
EA
P1.0
P1.1
P1.2
P1.3
P1.4
P1.5
P1.6
P1.7
80C31
U2
ULN2001A
Devsachin(192111068)
5 Message(s)
ANIMATING: 00:00:02.750000 (CPU load 62%)
x: -1600.0 y: -2700.0
ENG
IN
9:57 AM
11/27/2024