# Experiment-2

# Generation Of Square Wave Using Proteus

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COURSE CODE: ECA1487, Embedded Systems for IOT Applications

**PROGRAM**

ORG 0000H

UP: SETB P2.0

ACALL DELAY

CLR P2.0

ACALL DELAY

SJMP UP

DELAY: MOV R4,#35

H1:MOV R3,#255

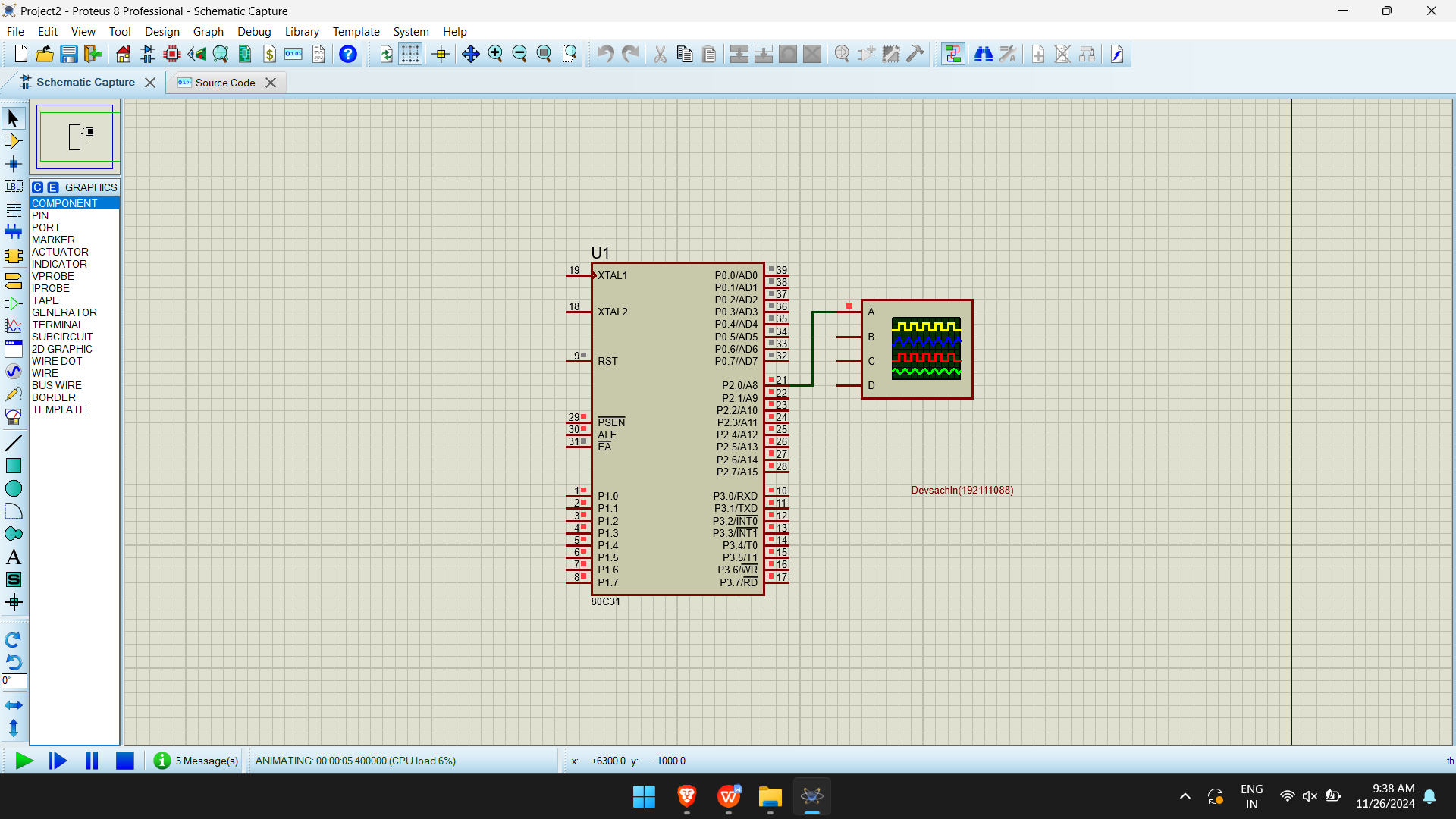
H2:DJNZ R3,H2

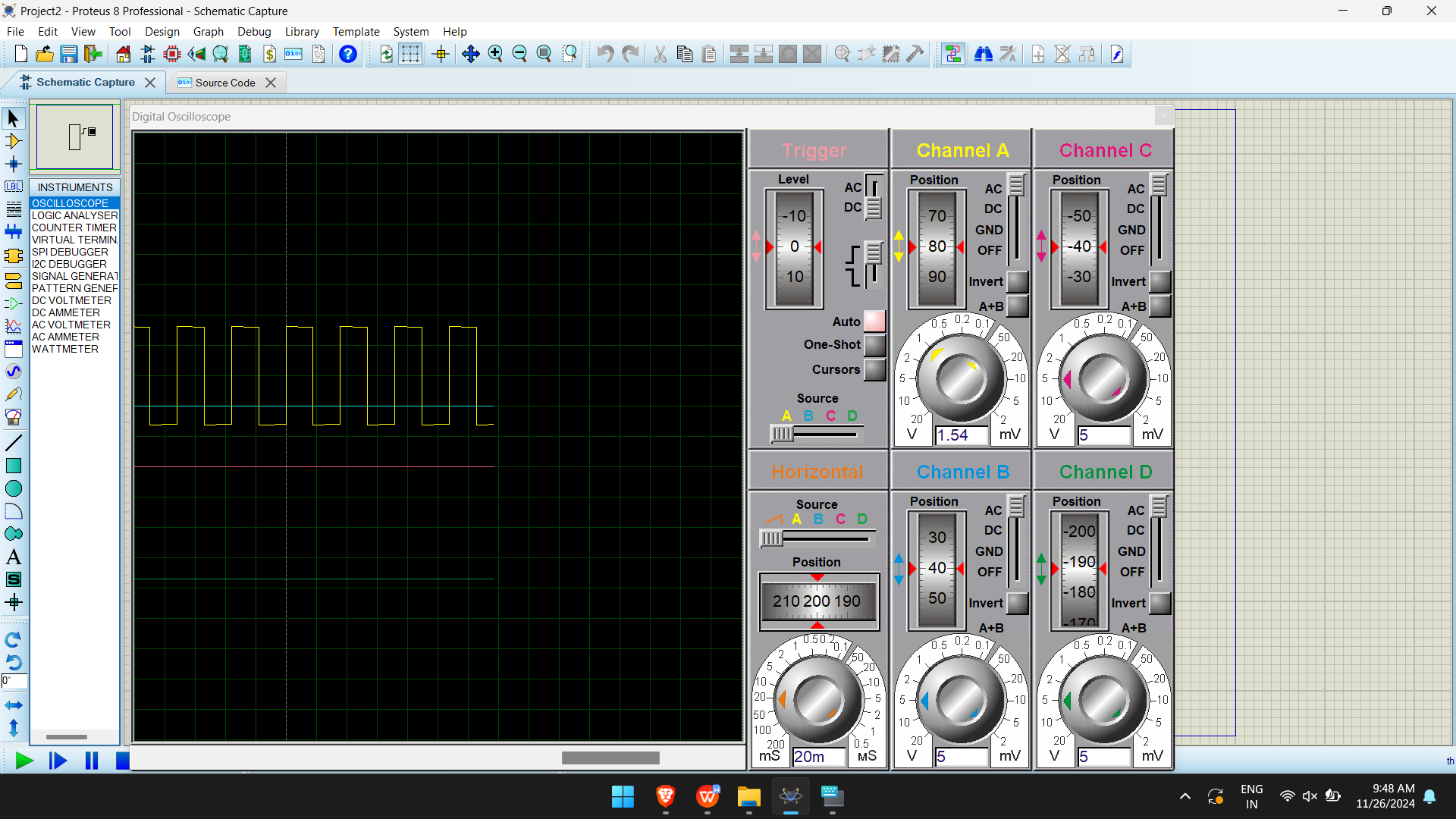
DJNZ R4,H1

RET

END

**OUTPUT:**

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