TOPIC NAME: Shihab Muhtasim

DAY: 10:21301610

TIME: Sec || DATE:

siver)

C = 1 mf = 40,000 0.001 f

R = 1 ND = 1031

Va = 3.1 Y

1) time to reach III > +1 = 8 ms

0 = - Vrut. T2 + 24.8 RC

 $\frac{3}{10^3 \times 0.001} \times T_2 = 24.8$

This encoder can count up to 8 ms = T2 = 12.4 ms encoded = 111