1) calculate the time dely for given program for the broguency at 2.5 mly Codo: S LXI B FFFF -7 10

D(X B . -76

MOV A, C -74

ORA B -74 JNZ back -> 10/2 broqueny of clock => 2-5 mhz Eimo = [10 + 65535 (6+4+4+10) -3] / 2.5 $= \frac{1572847}{2.5 \times 166}$ $= \frac{629.138.8 \times 10^{-6}}{629.138.8 \times 10^{-6}}$ => 0.62918