Name = Sameep Vanion 1911 Roll Number = AU19400 49 Mayon = BTeck CEE IN Course Code = ECE 302 Course Name = Embodded System Design Section-1 (PARTB) Under taking -I certify that I have not involved of wordered the university code of conduct during examination. S.N. Vani 03/10/2021 amond bear 10 & ATIT 19 in 191A

AJ > # include < aux io. h> () rison bias DDRA = 0x00; // Input mode DDRC = OxFF; // Output mode 1 int x = PINA; // Take input from PORTA. Xt=49; / Acld my roll no-PORTC = X; // Display on PORTC. A6-) Explanation > We require a
Time clotary of 10+49=59.45 59 X10 = (256-MM) (1 X 10 X8) : [MM = 197] : TCNT2=197= 0xC5 Also, D6 of TIFR & Chacked because A6> # include (avr/io.h) Void To Delay () TCNT2 = OxC5; // Calculated before TCCR2 = 0x02; // Normal, 1:8 presseling While ((TIFR + 0x40) == 0); TTER = 0x40; // Resot flag TOV2 TCCR2 = 0x00; 1/Stop Clack. void main () DDR 6B = Ox FF; // Output mode var. for (i=07; i>=0. i--) PORTOOF Ox OC; //Rust values

temp = 1 << i; //Set it bit I

PORTOB= temp; // Display

To Delay (): // Apply delay.