

**EEE 212-1-Even****LAB 1****Part A. [100 points]**

Using a crystal of 11.0592 MHz, produce a blinking LED of frequency 150 Hz on P1.1 with variable duty cycle of Y%, where Y is given below according to last digit of your student number.

Digit	0	1	2	3	4	5	6	7	8	9
Y	20	25	30	33.3	40	60	66.6	70	75	80