



Write a program for a PIC18F4550 chip to toggle all bits of PORTC and PORTD every ¼ of a second. Assume the crystal frequency of 4MHz. Show the detail of calculating the delay. Show the simulation results on PROTEUS. [5+5]

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Write a program for creating a square wave of 50% and 75% duty cycle. Show the simulations on PROTEUS as well. [5]

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A switch is connected to pin RB0 and an LED to pin RB7. Write a program to get a status of SW and send it to LED. Show the simulations on PROTEUS as well. [5]

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