**8051(MICRO-CONTROLLER)**

**Learning objective:-**-

* Patterns of led blinking using with 8051(micro-controller)

**Input and outputs** :-

* There are no inputs
* The LEDS are the Outputs

**Logic:-**

* Leds are connected to the micro-controller and we are giving the Hex ha decimal value to the port and based on that it will convert to binary where ever there is one it will glow and if it is zero led off,example P1 = 0x01 it means that among 8 leds first led will glow.
* Other side of leds is connected to ground this is the logic for blinking led
* For the above logic we can implement many different way I have implemented in two ways
* As I mentioned,the other logic is that i implemented this code using left shift operator in the while loop and with in the while loop we need to use the for loop

**Common mistakes :-**

* While writing code I did mistakes in syntax of Embedded c
* Indentation error I got
* Even though my code is correct but the out not came because of the port mismatch

**Results:-**  
  
  


