

# PSEUDO CODE FOR PIC ACTIVITY 4

## Pseudocode PIC - activity 3

### Initialization

- configure TRISA, ANSELA and PORTA Registers

### Void Userapp

- initialize a Static 32 bit counter and a Static boolean ledState.
- create a conditional statement to check the ledState and make sure that the 32 counter variable does not exceed decimal value 64
- initialize  $LATA = 128 + \text{counter\_variable}$  if 32 bit counter is less than 64 in order to keep the RA7 pin on at all times and creating a 6 bit counter.
- if button is Released, make the ledState equal to zero
- if the 32 bit counter is greater than 64 initialize 32 bit counter to zero.

}

# CIRCUIT DESIGN FOR PIC ACTIVITY 4

