PSEUDO CODE FOR PIC ACTIVITY 4

Pseudo code PIC-activity3

Initialization

- configure TRISA, ANSELA and PORTA Registers

Void User app

{

- initialize a Static 32 bit counter and a Static boolean ledState.

- create a conditional statement to check the ledState and make sure that the u32 counter variable does not exceed decimal value 64

- Initialize LATA = 128 + counter_variable if 32 bit counter is less than 64 inorder 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.

}