PSEUDO CODE 1 and 2 FOR PIC ACTIVITY 4

Initialization
- configure TRISA, ANSELA and PORTA Registers

Void UserApp

{
- initialize a Static 32 bit counter, buttonold, buttonnew. make sure to access RBS bit.
- make a conditional statement to check if button is pressed the 32 bit counter increments by 1.
- Change the buttonold State to be the new button State, Since old button State has become the new button State when the button is pressed.

}

PSEUDO CODE 2

Initialization
- configure TRISA, ANSELA and PORTA Registers

Void UserApp

{
- initialize a Static 32 bit counter, buttonOld, buttonNew. make sure to access RB5 bit.
- Button OLD represents the state the button was in before button is pressed, where as Button new represents the State when Button is pressed

- make a conditional statement to check if button is pressed then 32 bit counter increments by 1.
- If the conditional statement is matched, turns ledstate = 1, because the led has turned ON.
- Change the button old State to be the new button state, since old button State has become the new button State when the button is pressed.

}

CIRCUIT DESIGN FOR PIC ACTIVITY 4