

```

MOVLW 0XFF
MOVWF TRISB

BANKSEL TRISA

MOVLW 0X00
MOVWF TRISA

BCF STATUS,RP0
BSF INTCON,RBIE
BSF INTCON,GIE

BLLOOP
    BSF PORTC, 4
    CALL DELAY
    BCF PORTC, 4
    CALL DELAY
    GOTO BLLOOP

ISR
    BCF INTCON, RBIF
    MOVLW 0X06
    MOVWF PORTA
    RETURN

DELAY
    MOVLW 0x03
    MOVWF INYT

NESTLOOP
    DECFSZ INYT, F
    GOTO NESTLOOP
    RETURN

END

```

Write an assembly language program that blinks an LED connected to Pin 4 of Port C. If the execution is interrupted by a switch connected to Pin 4 of Port B, the code executes an ISR which displays the last 2 digits of your roll no on PORT A.

