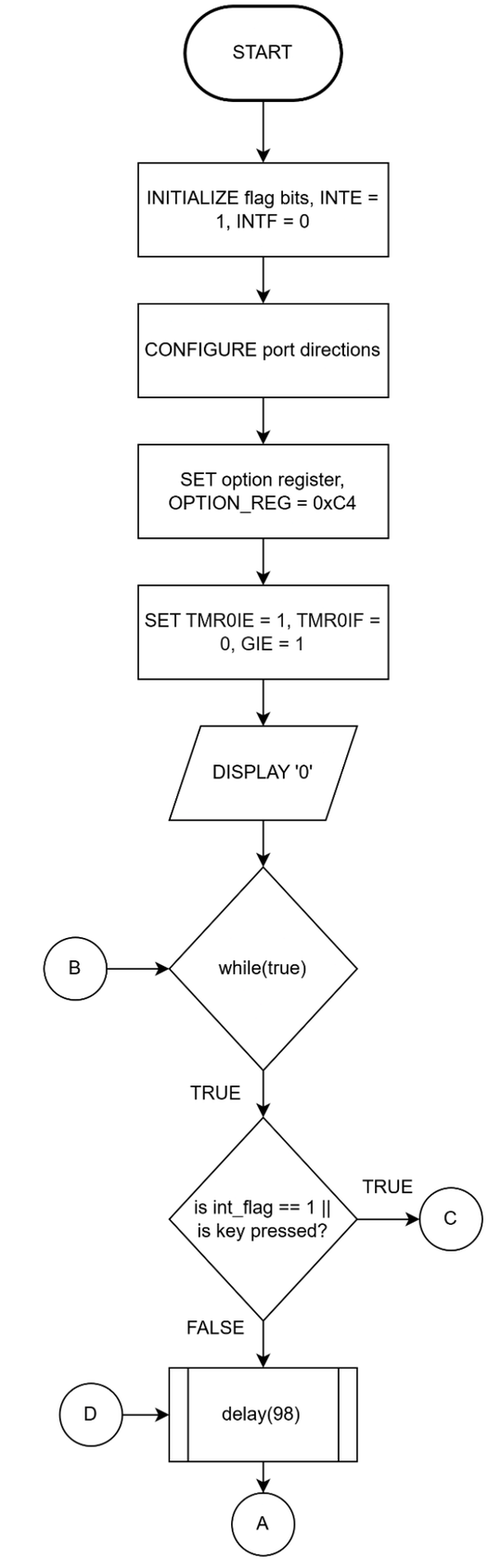
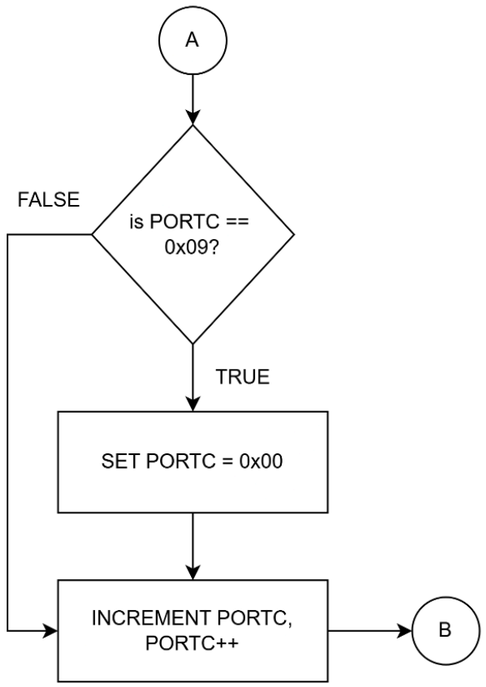
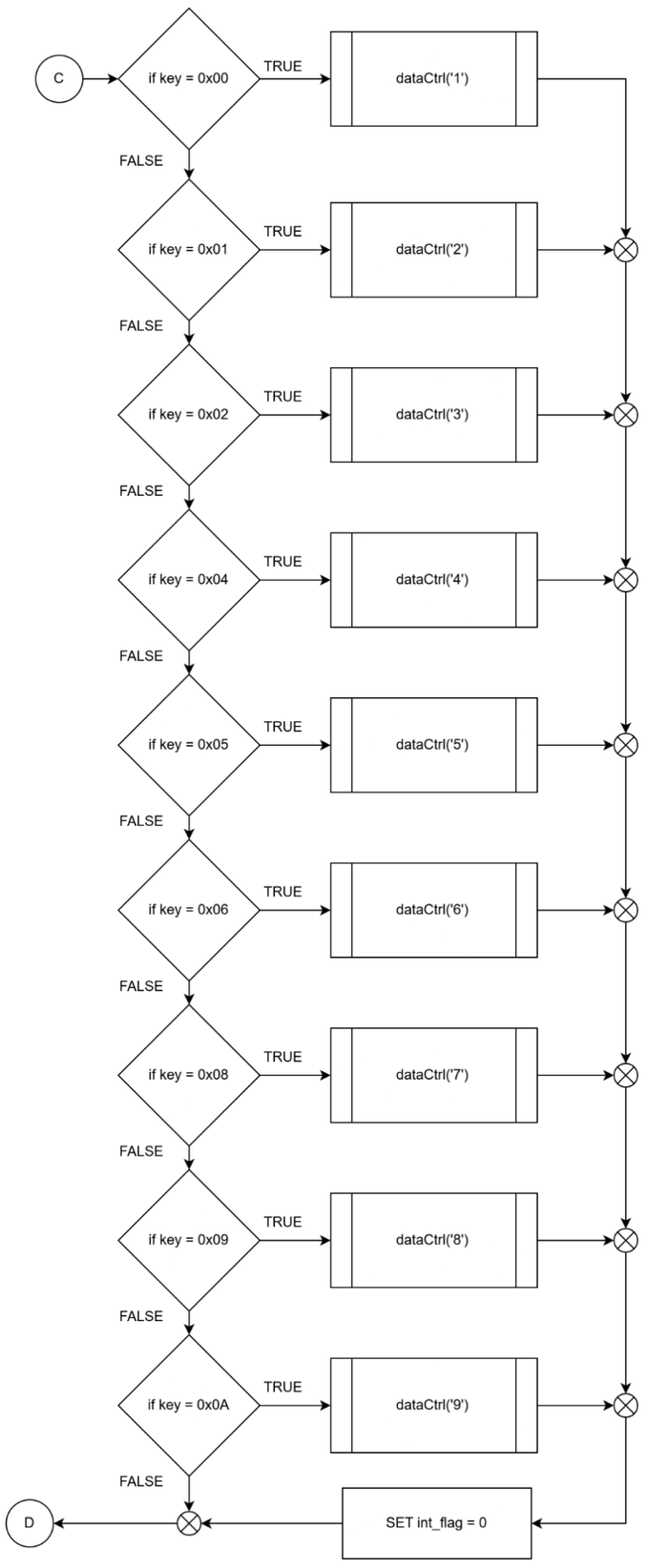
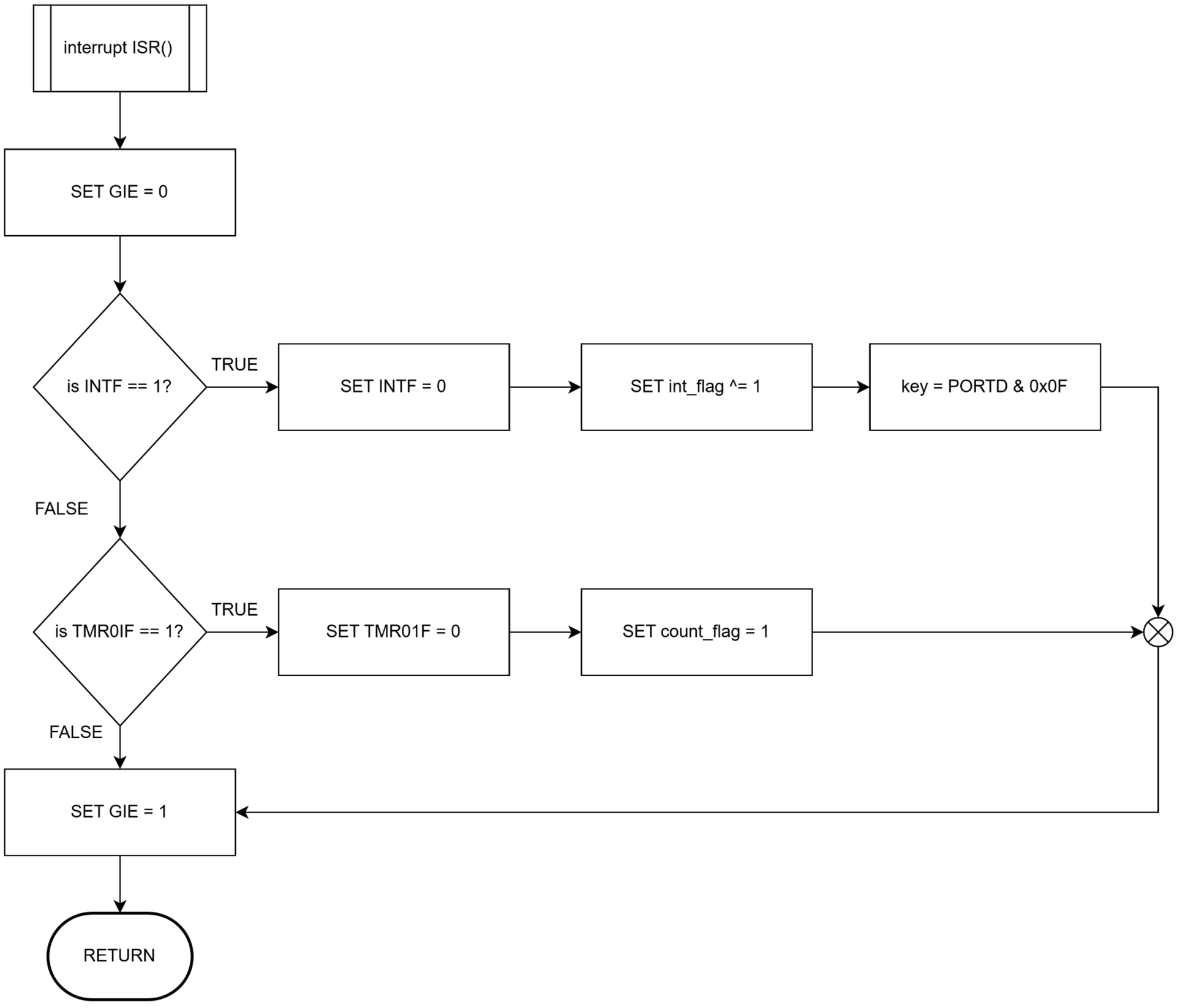
Foreground Routine







ISR Routine


interrupt ISR()
SET GIE = 0
is INTF == 1?
TRUE
SET INTF = 0
SET int_flag ^= 1
key = PORTD & 0x0F
FALSE
is TMR0IF == 1?
TRUE
SET TMR01F = 0
SET count_flag = 1
FALSE
SET GIE = 1
RETURN