button -test

ORG 0

MOV R0,#0

MOV P0,#0

SETB P2.5

START: JNB P2.5,$

CALL DELAY

JNB P2.5, START

DOUP: INC R0

MOV P0,R0

DB2: JB P2.5,$

CALL DELAY

JB P2.5,DB2

JMP START ;

DELAY: MOV R6,#100

DLOOP: MOV R7,#230

DJNZ R7,$

DJNZ R6,DLOOP

RET

END

#include <REGX51.H>

void Delay\_ms(int tx)

{

char ti;

while(tx--) for(ti=0;ti<101;ti++);

}

main(void)

{

char Counter=0;

P0=Counter; //P0?????

while(1)

{

while(!P2\_5);

Delay\_ms(50);

if(P2\_5)

{

Counter++;

P0=Counter;

while(P2\_5);

}

}

}

Practice

ORG 0

MOV R0,#0

MOV A,#000000001B

SETB P2.5

START: JNB P2.5,$

CALL DELAY

JNB P2.5, START

MOV P0,A

RL A

CALL DELAY

DB2: JB P2.5,$

CALL DELAY

JB P2.5,DB2

JMP START ;

DELAY: MOV R6,#100

DLOOP: MOV R7,#230

DJNZ R7,$

DJNZ R6,DLOOP

RET

END