

```
#Write an assembly language program to count from 0 to 9 with appropriate delay between count.
MVI C, 00H ;
LOOP: CALL DELAY ;
INR C;
MVI A, 09H ;
CMP C ;
JZ DONE;
JMP LOOP;
DELAY: MVI B, FFH ;
DELAY_LOOP: DCX B ;
MOV A, B
CPI 00H;
JNZ DELAY_LOOP ;
RET ;
DONE: HLT ;
```