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August 3, 2017 – 8051

8051 code to find the number of positive numbers in an array .

I have posted how to find a number is positive or negative before…. Just check it.

```
        ORG 000h
        MOV DPTR,#0Ah  ; an external address
        MOV R0,#0Ah      ;array counter
        MOV R1,#0h         ;to count pos numbers
 loop:
        MOV A,@DPTR
        RLC A
        JC neg
        INC R1.  ;Counter
        DJNZ R0,loop
         SJMP end


neg: DJNZ R0,loop

end: NOP

END
```

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In alp programming its important to look that loops are executed only when we need ,coz as i said,compiler executes sequentially.If u don't branch them correctly ,the program may go wrong.

« 8051 ALP program to find number of negative numbers in an array

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