**Problem statement:**

Input two digits and print their sum using assembly language.

**Code:**

|  |
| --- |
| .MODEL SMALL  .STACK 100H  .DATA  A DW ?  B DW ?  SUM DW ?  .CODE  MAIN PROC  ;OUTPUT ?  MOV AH,2  MOV DL,'?'  INT 21H    ;INPUT A CHARACTER  MOV AH,1  INT 21H  MOV BL,AL    ;GOTO NEW LINE  MOV AH,2  MOV DL,0DH  INT 21H  MOV DL,0AH  INT 21H    ;-----------------  ;OUTPUT ?  MOV AH,2  MOV DL,'?'  INT 21H    ;INPUT A CHARACTER  MOV AH,1  INT 21H  ADD BL,AL  SUB BL,48    ;GOTO NEW LINE  MOV AH,2 ;PRINT MODE  MOV DL,0DH  INT 21H  MOV DL,0AH  INT 21H      ;DISPLAY CHARACTER  MOV DL,BL  INT 21H    ;RETURN TO  MOV AH,4CH  INT 21H    MAIN ENDP  END MAIN |

Output:

