1)   Start the program by loading a register pair with address of 1st number.  
2)     Copy the data to another register pair.  
3)      Load the second number to the first register pair.  
4)      Add the two register pair contents.  
5)     Store the result in memory locations.  
6)      Terminate the program

PROGRAM:

MOV AL,06HH

MOV BL,0AH

ADD BL,AL

MOV CX,00008H

PRINT:MOV AH,02

MOV DL,031H

TEST BL,080H

JZ ZERO

MOV DL,031H

ZERO:INT 021H

SHL BL,1

LOOP PRINT

MOV DL,062H

INT 016H

RET

NOP

NOP

NOP

OUTPUT: