NAME : KEDAR GHULE

CLASS : SE IT A

BATCH: A2

ROLL NUMBER : 3164036

TITLE: Addition of n 8 bit numbers

CODE:

MOV R0,#50H ;START OF ARRAY

MOV R3,#07H ;ARRAY LENGTH

MOV R6,#00H ;COUNTER

MOV A,#00H

UP: ADD A,@R0 ;ADDING VALUE AT R0 TO ACCUMULATOR

JNC DOWN

INC R6 ;INCREMENTING COUNTER

DOWN:INC R0 ;INCREMENTING ARRAY ADDRESS

DJNZ R3,UP

MOV R7,A ;MOVING SUM TO R7 FROM ACCUMULATOR

OUTPUT:

