

CODE CONVERSION

Hexadecimal to BCD

MOV AX,[2000]
MOV BL,64
DIV BL
MOV [2002],AX
MOV AH,00
MOV [3001],AL
MOV [3000],AH
MOV AL,[2003]
MOV BL,0A
DIV BL
MOV [2004],AX
MOV AH,00
MOV BL,10
MUL BL
MOV [2006],00
ADD AX,[2005]
ADD [3000], AX
HLT

BCD TO Hexadecimal

MOV AX,[2000]
MOV [2500],AH
MOV AH,00
MOV CL,[2500]
MOV BL,10
DIV BL
MOV [2002],AX
MOV AL,64
MOV AH,00
MUL CL
MOV [2004],AX
MOV BL,[2002]
MOV AL,0A
MUL BL

ADD AX,[2004]
MOV [2004], 00
ADD [2003], AX
HLT