

BCD Factorial

MOV AL, [2000]

MOV BL, [2000]

AND AL, 0F0

AND BL, 0F

MOV CL, 04

ROR AL, CL

MOV DL, 0A

MUL DL

ADD AL, BL

MOV CL, AL

MOV CH, 00

MOV AL, 01

FACT MUL CL ; Finding Factorial.

LOOP FACT

MOV DL, 64

DIV DL ; Hex to BCD.

MOV BL, AL

MOV AL, AH

MOV AH, 00

MOV DL, 0A

DIV DL

MOV CL, 04

ROL AL, CL

ADD AL, AH

MOV [2500], BL

MOV [2501], AL