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**ANS NO 01**

This instruction is used to make sure the result of adding two packed BCD numbers is adjusted to be a legal BCD number. The result of the addition must be in AL for DAA to work correctly. If the lower nibble in AL after an addition is greater than 9 or AF was set by the addition, then the DAA instruction will add 6 to the lower nibble in AL. If the result in the upper nibble of AL in now greater than 9 or if the carry flag was set by the addition or correction, then the DAA instruction will add 60H to AL.

AL 27H and AL 35H

ADD AL, AL

DAA

**ANS NO 02**

**CMP AL, 000h**

CMP AL, 000H Compare immediate number 000H with byte in AL

CMP BH, CL Compare byte in CL with byte in BH

CMP CX, TEMP Compare word in DS at displacement TEMP with word at CX

CMP PRICES [BX], 49H Compare immediate number 49H with byte at offset [BX]

In array PRICES

**TEST AL, 001h**

TEST CX, 0001H AND CX with immediate number 0001H;

No result stored; Update PF, SF, ZF

TEST BP, [BX][DI] AND word are offset [BX][DI] in DS with word in BP.

No result stored. Update PF, SF, and ZF