

① DAA means Decimal Adjust after Addition which Instruction allows the addition of numbers which is represented in 8-bit BCD code.

ex: AL 27H and AL 35H

.Model Small

.STACK 200

.DATA

a DB 27H

b DB 35H

.CODE

.STARTUP

MOV AL, a; Load AX with a

~~ADD~~ ADD AL, b; $AL = AL + b$ i.e. $AL = 5CH$
 $= 92$

DAA

; $AL = 62$

.Exit
END

② CMP instruction compares a byte/
word in the specified source with byte/
word in the specified destination