

```

.model small
.stack 100h
.data
    arr db 100 DUP(?)
    len db ?
    res db 0
    Q db 0
    R db 0
    D db 0Ah
    endl db 13,10,'$'
    S2 db 13,10,'Enter Value: $',13,10
    S3 db 13,10,'Result: $',13,10
    S1 db 13,10,'Size: $',13,10

.code
    MOV ax,@data
    MOV ds,ax

    MOV ah,09h      ;Message for accepting
    LEA dx,S1        ;offset for printing
    INT 21h

    MOV ah,01h      ;Accepting Size
    INT 21h

    SUB al,30h
    MOV len,al       ;Storing size in variable

    MOV cl,len      ;Moving size in counter
    MOV ch,00

    LEA si,arr       ;Setting pointer at initial position

loop1:MOV ah,09h      ;Message for accepting
    LEA dx,S2
    INT 21h

    MOV ah,01h      ;Accepting array elements
    INT 21h

    MOV [si],al      ;Storing array elements

    INC si
    LOOP loop1

    LEA si,arr       ;Setting pointer at initial position

    MOV cl,len      ;Moving size in counter
    MOV ch,00

    MOV ah,09h      ;Output Message
    LEA dx,S3
    INT 21h

    MOV al,00

loop2:MOV dl,[si]
    ADD res,dl
    SUB res,30h

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```
INC si
LOOP loop2

MOV ah,00
MOV al,res
DIV D

ADD al,30h
ADD ah,30h

MOV Q,al
MOV R,ah

MOV dl,Q
MOV ah,2h      ;Printing Result
INT 21h

MOV dl,R
MOV ah,2h
INT 21h

MOV ah,4ch
INT 21h

END
```