```
section .data
msg1 db "Enter the number",10
len1 equ $-msg1
msg2 db "Result is"
len2 equ $-msg2
section .bss
array resb 200
cnt resb 2
section .text
global _start
        _start:
        mov rax,1
        mov rdi,1
        mov rsi,msg1
        mov rdx,len1
        syscall
        mov r8,array
        mov byte[cnt],5
        l1:
        mov rax,0
        mov rdi,0
        mov rsi,r8
        mov rdx,17
        syscall
        add r8,17
        dec byte[cnt]
        jnz l1
        mov rax,1
        mov rdi,1
        mov rsi,msg2
        mov rdx,len2
        syscall
        mov rax,1
        mov rdi,1
        mov rsi,array
        mov rdx,200
        syscall
        mov rax,60
        mov rdi,0
        syscall
```