

```
%macro rwmacro 3
mov rax, %1
mov rdi, 01
mov rsi, %2
mov rdx, %3
syscall
%endmacro
```

```
section .data
msg1 db "Enter the Number: "
msg2 db "The Number is: "
count db 05h
```

```
section .bss
numarr resb 17
```

```
global _start
section .text
_start:
```

```
loop1:
rwmacro 01, msg1, 18
rwmacro 00,numarr,17
rwmacro 01, msg2, 15
rwmacro 01, numarr, 17
dec byte[count]
xy: jnz loop1
```

```
mov rax, 60
mov rdi, 00
syscall
```

```
***** output *****
```

```
./assg
```

```
Enter the Number: 1234567890123456
```

```
The Number is: 1234567890123456
```

Enter the Number: Aabcdefghijklmno

The Number is: Aabcdefghijklmno

Enter the Number: 65fg4wekieurfghd

The Number is: 65fg4wekieurfghd

Enter the Number: asdsgf3mnb2vb121

The Number is: asdsgf3mnb2vb121

Enter the Number: 1234567890123456

The Number is: 1234567890123456