

```

section .data
msg1 db 10,13,"enter 5 64 bit numbers"
len1 equ $-msg1
msg2 db 10,13,"entered 5 64 bit numbers"
len2 equ $-msg2
section .bss
array resd 200
counter resd 1
section .text
global _start
_start:
mov Rax,1
mov Rdi,1
mov Rsi,msg1
mov Rdx,len1
syscall;
accept:
mov byte[counter],05
mov rbx,00
loop1:
mov rax,0 ; 0 for read
mov rdi,0 ; 0 for keyboard
mov rsi, array ;move pointer to start of array
add rsi,rbx
mov rdx,17
syscall
add rbx,17 ;to move counter
dec byte[counter]
JNZ loop1;
mov Rax,1
mov Rdi,1
mov Rsi,msg2
mov Rdx,len2
syscall;
mov byte [counter],05
mov rbx,00
loop2:
mov rax,1 ;1 for write
mov rdi,1 ;1 for monitor
mov rsi, array
add rsi,rbx
mov rdx,17
syscall;
add rbx,17
dec byte[counter]
JNZ loop2;
exit:
syscall;
mov rax,60
mov rdi,0

```

```
syscall ;
```