

Sorting of array.
Lab program-2

```
.model small  
.data  
n db 6  
a db 05,07,04,03,06,02
```

```
.code  
mov ax,@data  
mov ds,ax  
lea si,a  
mov cl,n  
dec cl  
outloop: mov ch,cl  
mov si,00h  
inloop: mov al,a[si]  
inc si  
cmp al,a[si]  
je noexchange  
xchg al,a[si]  
mov a[si-1],al  
noexchange: dec ch  
jnz inloop  
dec cl  
jnz outloop  
mov ah,4ch  
int 21h  
end
```