

## MINI LAB QUIZ 2

### Answer

```
org 100h
```

```
; add your code here
```

```
include 'emu8086.inc'
```

```
.model small
```

```
.stack 100h
```

```
.data
```

```
array db 1,3,9,7,5,3,10,5,2
```

```
.code
```

```
MIN PROC
```

```
mov ax, @data
```

```
mov ds, ax
```

```
mov si, offset array
```

```
mov cx, 9
```

```
mov bl, [si]
```

```
loopx:  
cmp [si], bl  
jle update  
resume:  
inc si  
loop loopx
```

```
print 'Smallest Value from Array :'  
add bl, 48  
mov dl, bl  
mov ah, 02h  
int 21h
```

```
update:  
mov bl,[si]  
jmp resume
```

```
ret
```

```
MIN ENDP
```

