

Name: Nowshin Sumaiya

ID:21301276

Sec:05

Course:CSE341

Lab exam:02

Answer to the question no:01

.model small

.stack 100h

.data

a db 'input1: \$'

b db 'input2: \$'

c db 'input3: \$'

.code

main proc

mov ax, @data

mov ds,ax

;code starts here

mov ah,9

lea dx,a

int 21h

mov ah,1

```
int 21h  
mov bh,al
```

```
mov ah,2  
mov dl,10
```

```
int 21h  
mov dl,13  
int 21h
```

```
mov ah,9  
lea dx,b  
int 21h
```

```
mov ah,1  
int 21h  
mov bl,al
```

```
mov ah,2  
mov dl,10  
int 21h  
mov dl,13  
int 21h
```

```
mov ah,9
```

```
lea dx,c  
int 21h
```

```
mov ah,1  
int 21h  
mov ch,al
```

```
mov ah,2
```

```
mov dl,10  
int 21h  
mov dl,13  
int 21h
```

```
mov ah,2  
mov dl,bh  
int 21h
```

```
mov ah,2  
mov dl,10  
int 21h
```

```
mov ah,2  
mov dl,bl  
int 21h
```

```
mov ah,2  
mov dl,10
```

```
int 21h  
mov dl,13  
int 21h
```

```
mov ah,2  
mov dl,ch  
int 21h
```

```
MAIN ENDP
```

```
END MAIN
```

Answer to the question no:02

```
.model small  
.stack 100h  
.data
```

```
a db 'input 1: $'  
b db 'input 2: $'
```

```
.code
```

```
main proc  
    mov ax, @data
```

```
    mov ds,ax
```

```
    mov ah,9
```

```
    lea dx,a
```

```
    int 21h
```

```
    mov ah,1  
    int 21h
```

```
    mov bl,al
```

```
    sub bl,10h
```

```
    mov ah,2
```

```
    mov dl,10  
    int 21h
```

```
mov dl,13  
int 21h
```

```
mov ah,9  
lea dx,b  
int 21h
```

```
mov ah,2
```

```
mov dl,b1  
int 21h
```

```
MAIN ENDP  
END MAIN
```