

PRACTICAL: 2(A2)

AIM: Exchange the contents of memory locations 2000H and 4000H

CODE:

```
org 100h
```

```
; add your code here
```

```
mov ax, 4000h
```

```
mov ds, ax
```

```
mov [2000h], 40h
```

```
mov [4000h], 10h
```

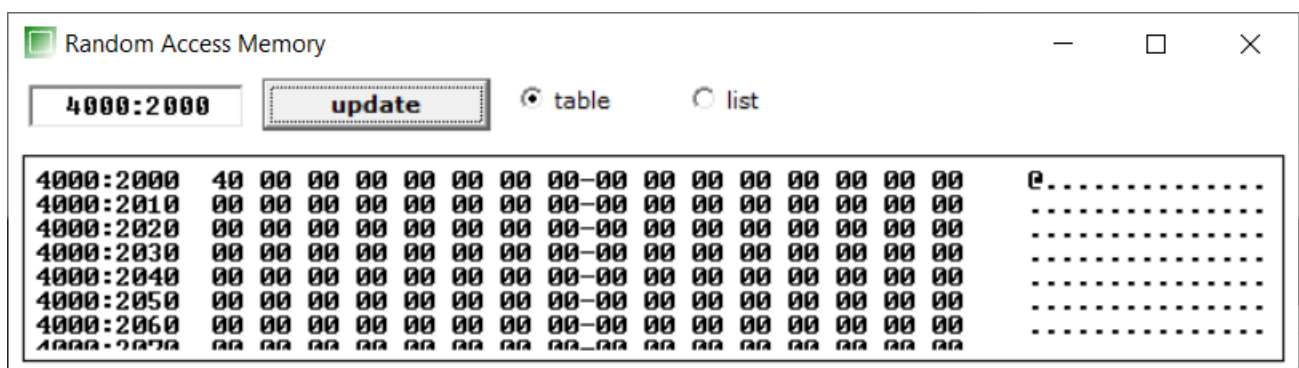
```
mov bl, [2000h] ; transfer data of 2000 location to the register bl
```

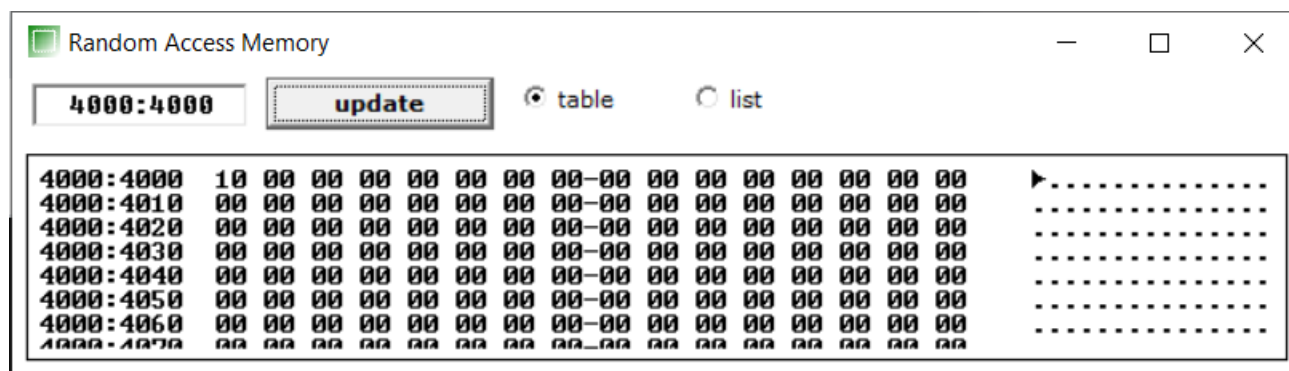
```
xchg bl, [4000h] ; exchanging values of reg bl and 4000 location
```

```
mov [2000h], bl ;
```

```
ret
```

OUTPUT:





CONCLUSION:

We learned to exchange the data of two locations.