

## PRACTICAL – 25

**AIM:** Divide 8-bit number stored in memory locations 4009H by data stored at memory location 4001H & store result of module operation at memory location 400AH. (Use Data Set - 2,4).

**CODE:**

```
org 100h
```

```
MOV [4009H],56
```

```
MOV [4001H],5
```

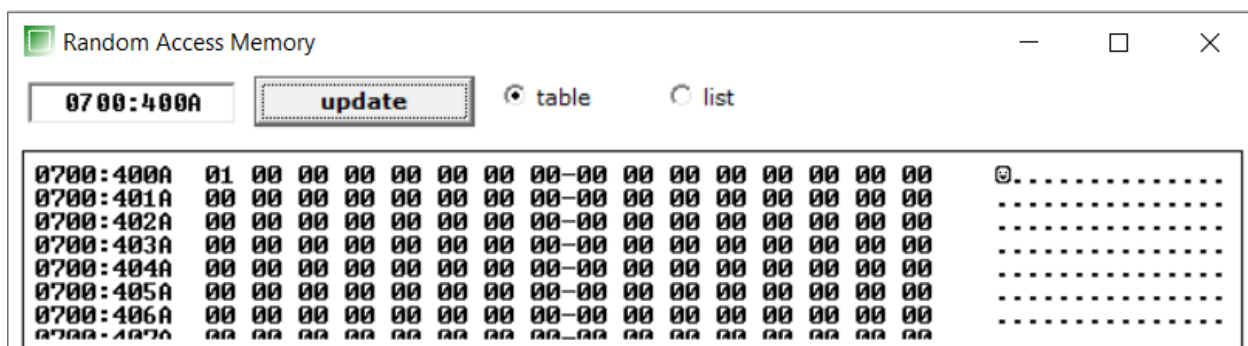
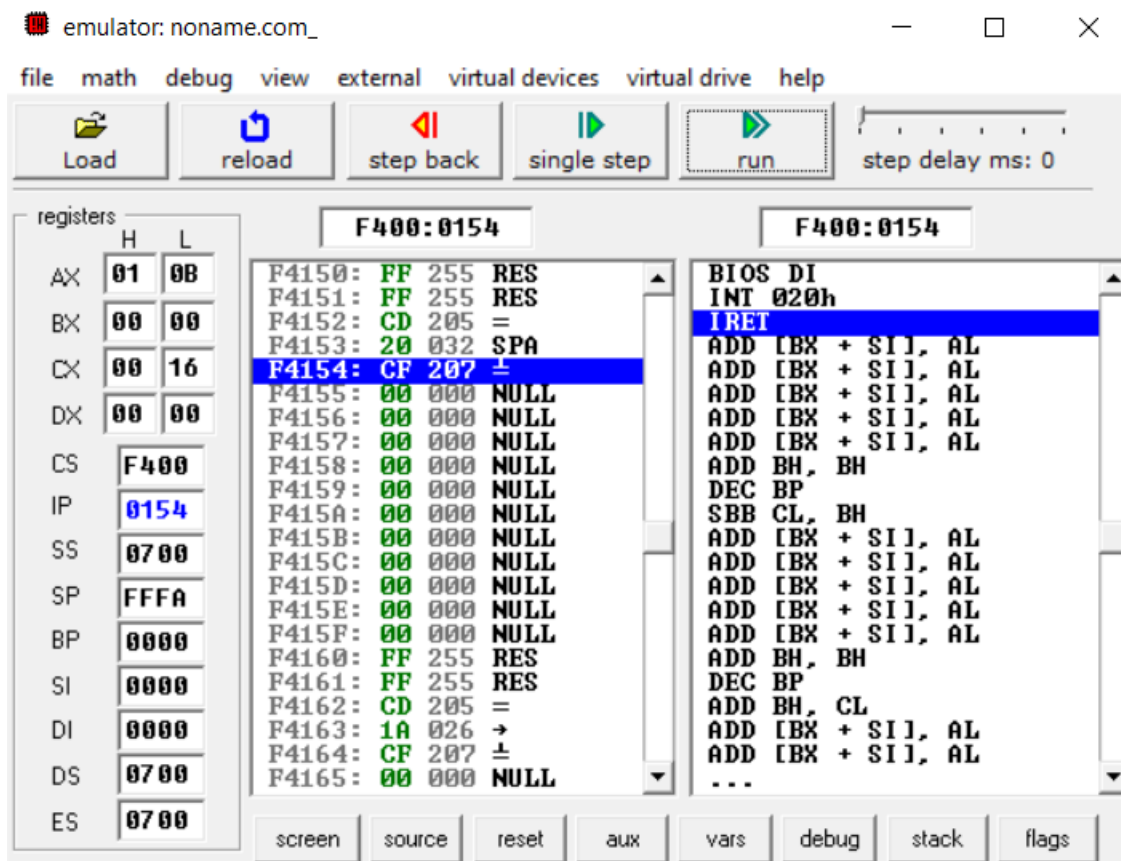
```
MOV AL, [4009H]
```

```
DIV [4001H]
```

```
MOV [400AH], AH
```

```
ret
```

**OUTPUT:**



**CONCLUSION:** In this Practical we learn that how to divide a 8-bit number which is stored at different location and store a result of modulo operation at different location