

PRACTICAL: 3(A2)

AIM: Write a program to perform selective compliment operation on data stored at 4000H corresponding to the data stored at 4001H and store the result at 4002H. Verify the result and write bite wise operation of this program. (XOR)

CODE:

```
org 100h
```

```
MOV [4000H], 10010101B ;149
```

```
MOV [4001H], 01010010B ;82
```

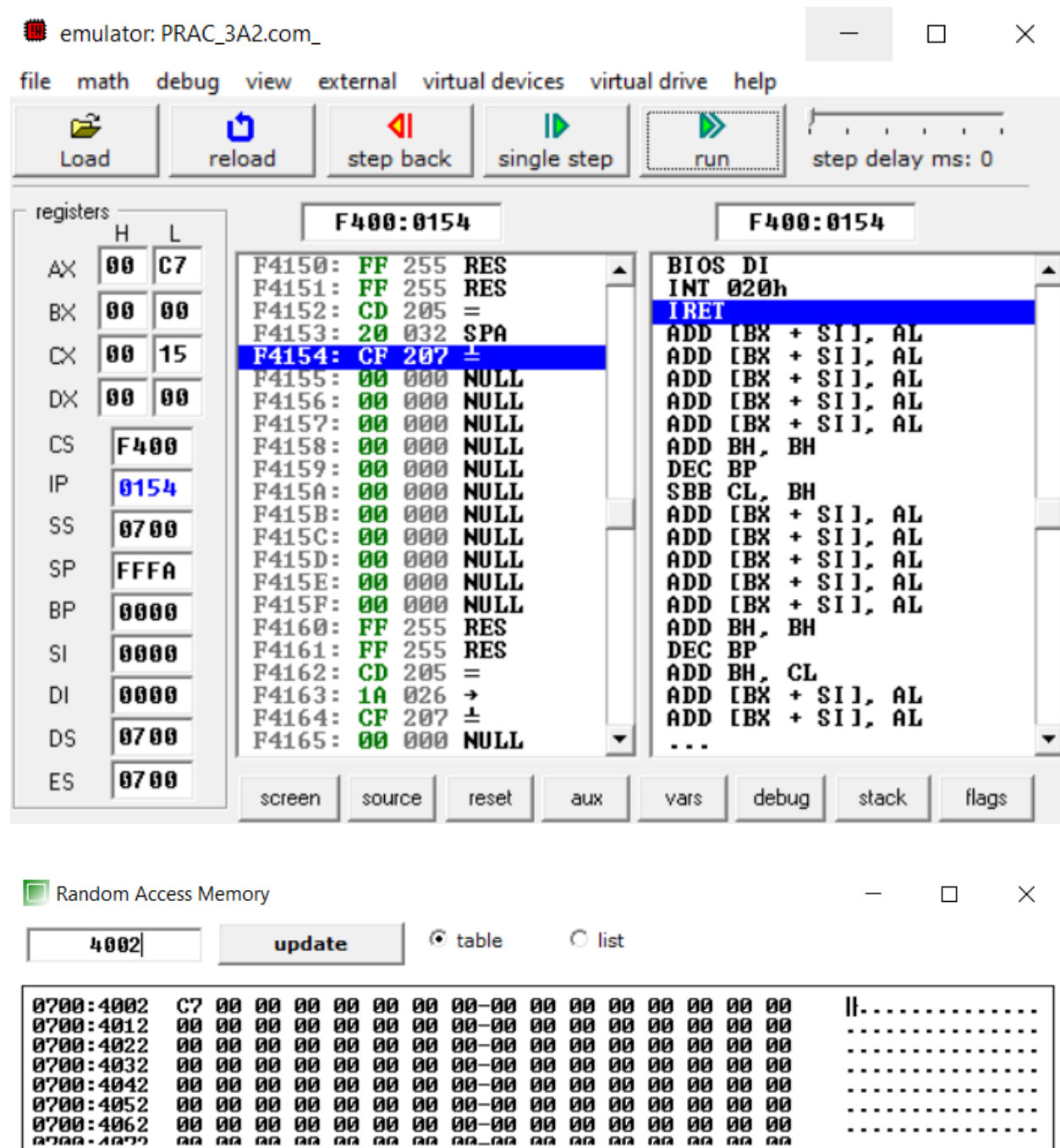
```
MOV AL, [4000H]
```

```
XOR AL, [4001H]
```

```
MOV [4002H], AL
```

```
ret
```

OUTPUT:



CONCLUSION:

We learned about XOR command and its implementation.