

16.317: Microprocessor Systems Design I

Fall 2015

Lecture 9: Key Questions

September 23, 2015

1. Explain the general operation of the AND, OR, XOR, and NOT instructions.

2. **Example:** Show the state of AL after each instruction in the following sequence:

```
MOV AL, 55H
AND AL, 1FH
OR AL, C0H
XOR AL, 0FH
NOT AL
```

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