



## FMP-2

### Intro to μPs – Assembly Coding

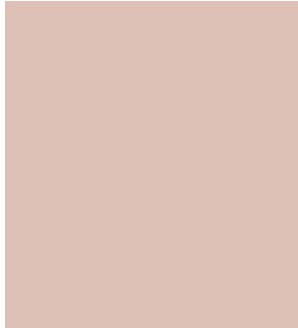
#### Target Course Outcome:

**CO1:** Understand the architecture and function of a microprocessor through assembly programs

*Create an assembly language program:*

**MOV instruction.** Assume the following register values before and after the assembly instruction is executed; write the assembly code that would generate the same output results on the registers.

#### **CODE:**



#### **OUTPUT:**

```
AX = 3104h
BX = BEEFh
CX = 0708h
DX = BED5h
```