Moving Data

- Mov :

MOV

- Most common instruction in ASM

- Allowed Directions
  - Between Registers
  - Memory to Register and Register to Memory
  - Immediate Data to Register
  - Immediate Data to Memory

- LEA :

LEA

- Load Effective Address – load pointer values

- LEA RAX, [label]

- XCHG :

XCHG

- Exchanges (swaps) Values

- XCHG Register, Register

- XCHG Register, Memory

- Code :