











































































































## Example-5: Rotate Shift • After Decoding: • 0x60000000 (1610612736)<sub>10</sub> → 0x00000000 (12)<sub>10</sub>

## Summary Two basic: left and right shifts 4 flavors (classes): Logical Shift (Good for: unsigned): LSL and RSL Arithmetic Shift (Good for: signed): ASR, No LSR Rotate (Good for: cryptography): ROR, No ROL Rotate through carry (Good for: large numbers): RRX, No RLX

