The following opcodes are used for **Modulus**:

- MODI Mod by Signed Integer
- MODU Mod by Unsigned Integer

MODI — *Mod by Signed Integer* {#MODI}

```
L2 = L2 % <signed_imm>
L2 = L2 % <reg_val>
L2 = L2 % <const>
```

=== "MODI Example"

=== "MODI Properties"

```
| Opcode | Operand Type | Destination |
|-----|
| 17 | Signed 64-bit integer | L2 (implicit) |
```

MODU — *Mod by Unsigned Integer* {#MODU}

```
L3 = L3 % <unsigned_imm>
L3 = L3 % <reg_val>
L3 = L3 % <const>
```

=== "MODU Example"

=== "MODU Properties"