Segment Selectors

A logical address consists of two parts:

$$\text{segment selector} \quad : \quad \text{offset}$$

16 bits   32 bits

Segment selector is an index into GDT/LDT

```
     selector    offset
   ┌──────┬─┬─┬──────────┐        s − segment number
   │  s   │g│p│          │        g − 0 (global)
   └──────┴─┴─┴──────────┘            1 (local)
     13    1 2     32             p − protection use
```