Arithmetic Coding (sequence example)

- ▶ Simplest case.
- ▶ $\Sigma = \{0, 1\}$
- ▶ $\forall t,$
  $p(c_t = 0) = 1/3$
  $p_t(c_t = 1) = 2/3$
- ▶ Message = 1111
- ▶ Code = 111
- ▶ **Technical:**
  Assume decoder
  knows that length
  of message is 4.