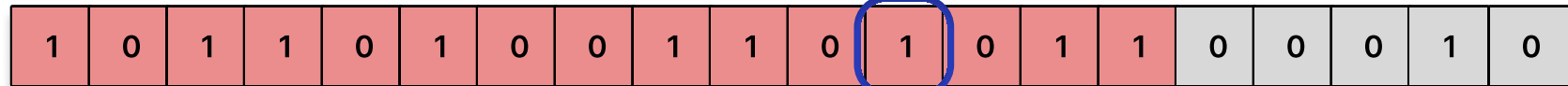


$$\text{select}_1(7) = 12$$



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

$$\text{rank}_1(15) = 9$$