P4 -> 10 $P2 \rightarrow 2$ $P3 \rightarrow 5$ 4 bit to represent 4 persons. (P, P2 P3 P4) bit -> I means P-th person doenn't cross the bridge 61+ >0 means P-th person crossed the bridge 1111 --- 0011 -1011 - 1000 - 1100 - 0000 13 15 time: 0 Yes, they can cross the bridge in 17 minutes. 0001 - 1001 - 0000 0101 - 1101 - 1000 - 1100 1111-0011-1011-1000-1100-0000 0110 - 1110 - 0100 - 1100 -16 10

SQLA