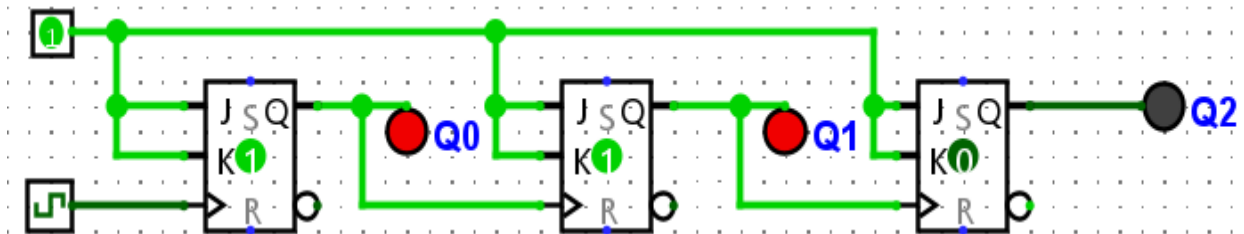


COS-10004 (Computer Systems)

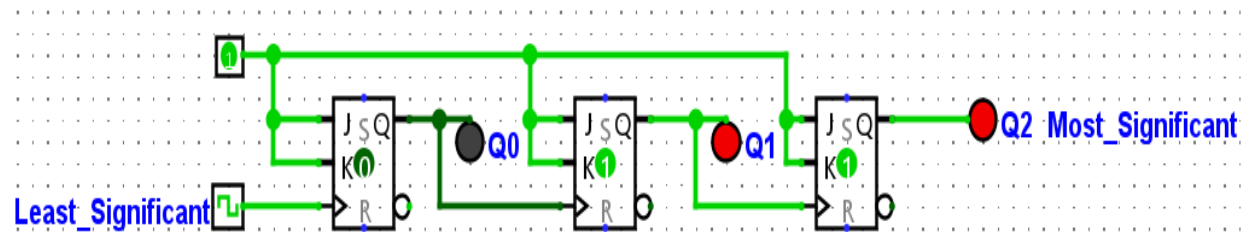
Name: Dave Nguyen (Nguyen Quang Anh).

ID: 104697710.

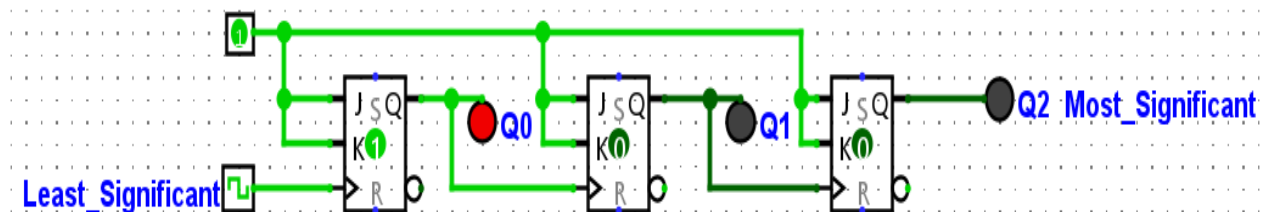
Q2:



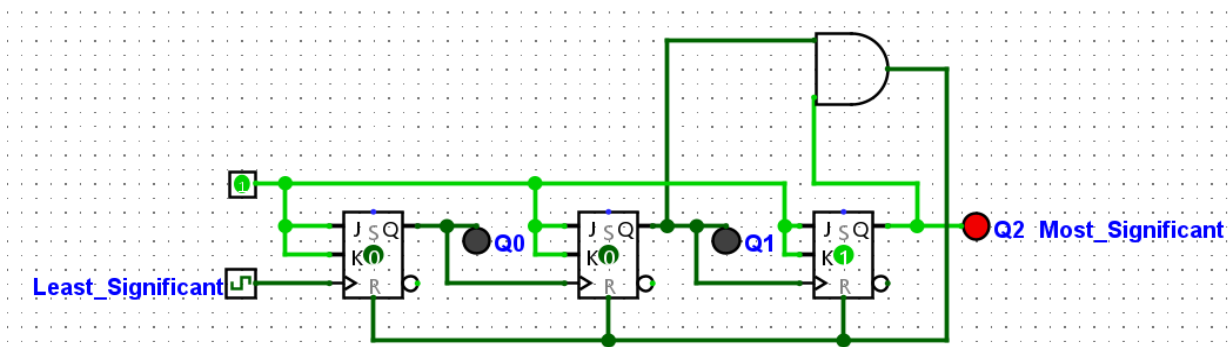
Q5:



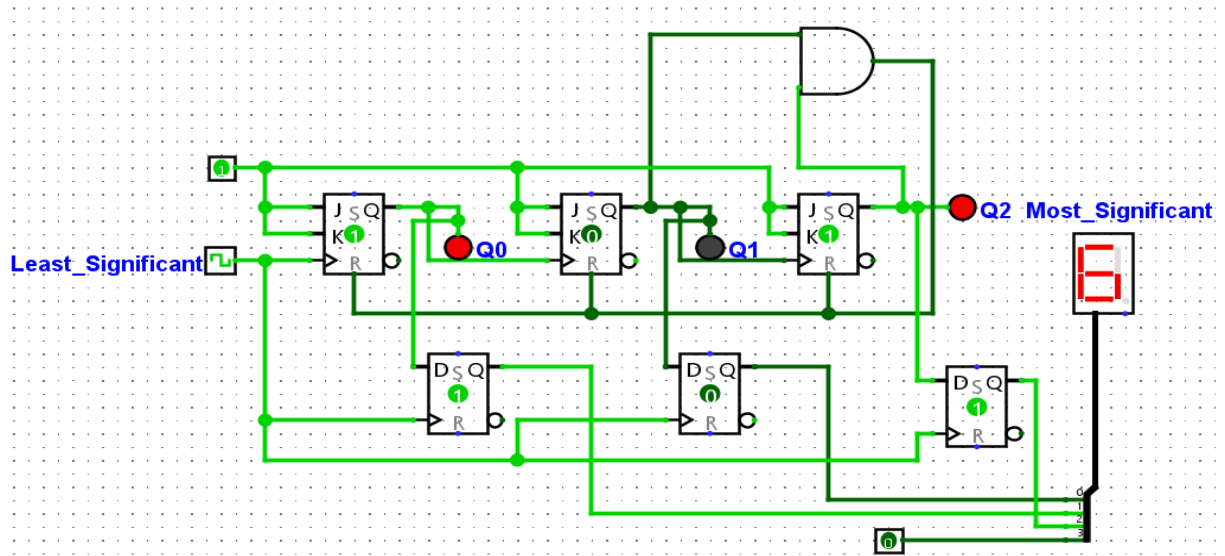
Q7:



Q9:



Q10/11:



Q10.2:

It is critical to guarantee that the counter does not enter an unlawful state so that it can operate smoothly and without error.