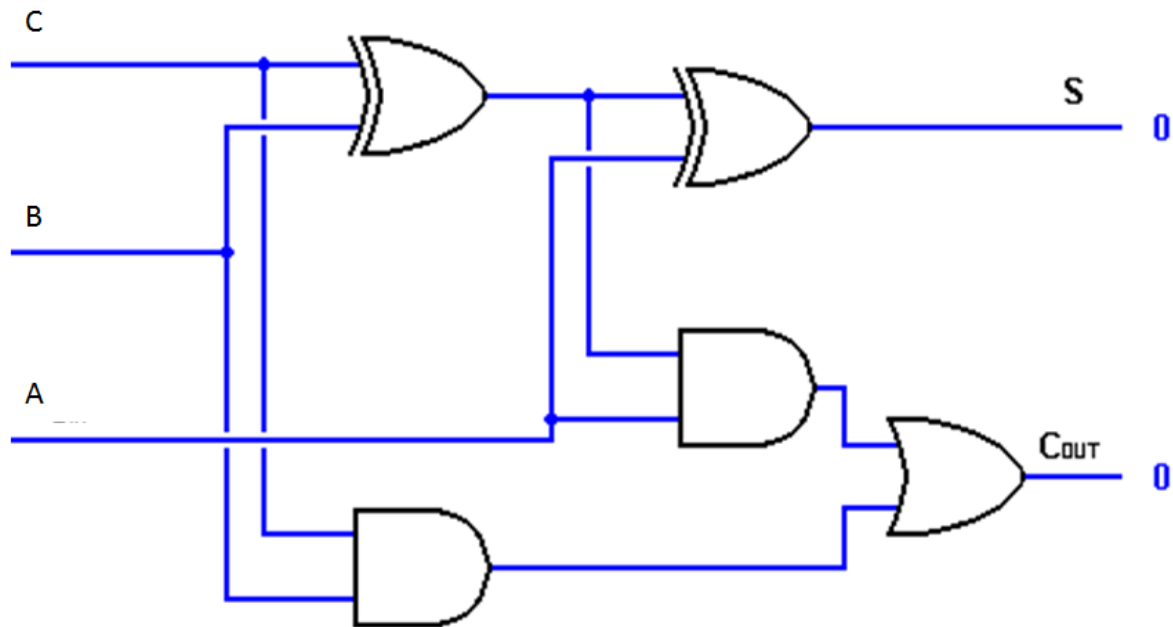


# EN-3212 Electronics

## Logic Gates: Application

Write out the truth table for the logic circuit below:

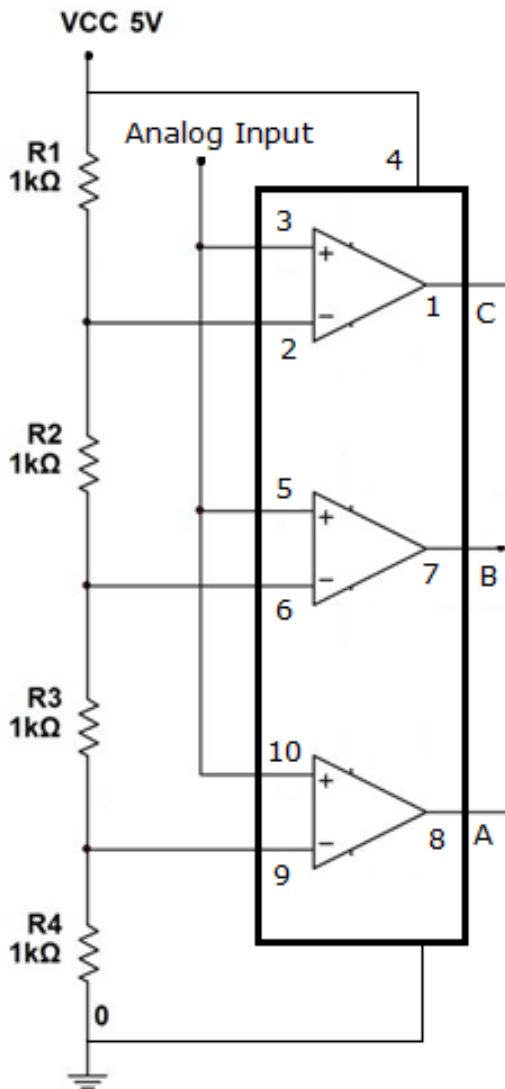


# EN-3212 Electronics

## Logic Gates: Application

Let's talk about a subject we covered a while back.

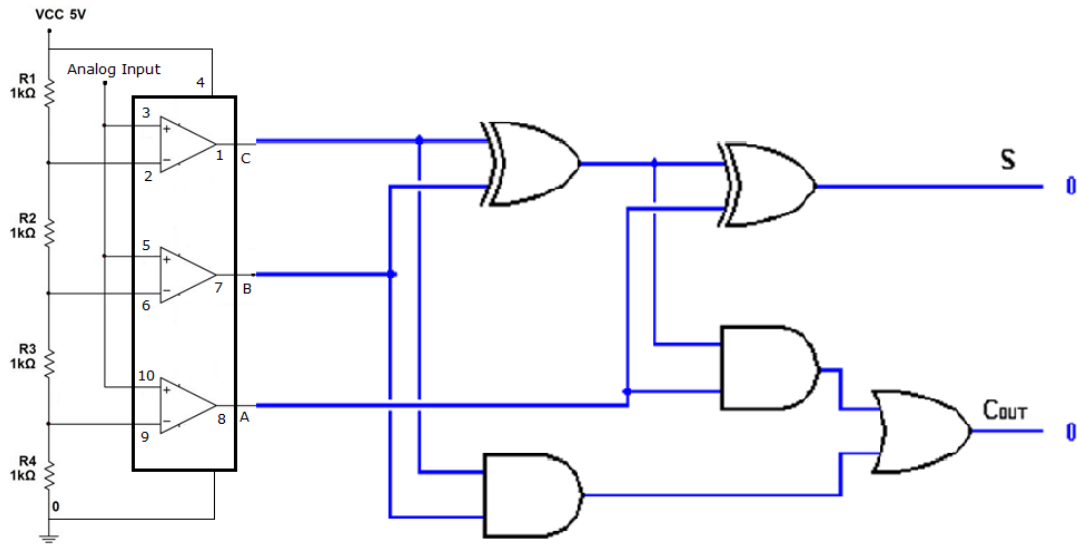
If each of my Op-Amps were used as comparators, what would the circuit below do as I increase a voltage applied at "Analog Input" from 0V to 5V?



# EN-3212 Electronics

## Logic Gates: Application

Now, think about this circuit:



It's not easy to figure out what this is doing, but if you can sort it out, you're on your way to truly understanding the interface between the world of the analog and the world of the digital.