When the supply power is first turned on, Vcap is 0 V, so Vout will be HIGH ● The capacitor will start charging toward the 5 V at Vout. ● When Vcap reaches the positive-going threshold (VT+) of the Schmitt trigger, the output of the Schmitt will change to a LOW (~ 0V) ● Now, with (Vout ~ 0) the capacitor will start discharging toward 0 V. ● When Vcap drops below the negative-going threshold (VT-) the output of the Schmitt will change back to a HIGH. ● The cycle repeats now, with the capacitor charging back up (VT+) to then down to (VT-) then up to (VT+) and so on. ● The waveform at Vout will be a square wave oscillating between VOH and VOL, as shown