Tips for HW29

* Use EES to find T, P, x, h, and s at each state
* Apply equations for cycle performance parameters
* If the working fluid were Ammonia, some of the array table values should be (i.e. you can run your code with ‘Ammonia’ as the working fluid and see if you end up with these values)
  + P2 = 2033 kPa
  + h2\_s = 1809 kJ/kg
  + s3 = 1.799 kJ/kg-K
  + Cooling\_capacity = 35.44 tons
  + W\_dot\_compressor = 56.28 kW