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•Calibrate thermocouples	
 Pump water through inner pipe of double-pipe heat exchanger (rate determined by rotameter) 	
 Flow steam through outer pipe of double-pipe heat exchanger (measu rate by pail and scale) 	re
•Allow to come to steady state (monitor; graphically demonstrate stead state in your report)	у
•Measure appropriate temperatures, flow rates, and replicates	
•Share raw data with classmates	
•Calculate and report overall heat transfer coefficient; use two differed methods of calculating <i>Q</i>	ent
 Report the process of achieving steady state 	
 Address all objectives in assignment memo 	





