SIMULINK - PROGRESS

DRAFT 1	Tried to imitate the model circuit designed by us. Model slightly similar to the vehicle HVAC system by mathworks & a research paper cited in the ppt. Couldn't get any results. Tried to decode errors and make minor changes
DRAFT 2	Removed blowers (source for controlled flow rate) to achieve some results which were not satisfactory. The temperature, CO2 & humidity in the room kept increasing & did not decrease. Never reached the target temperature
DRAFT 3	Made considerable changes to model. Return blower has been added but not forward blower. Applied simple control techniques such as PI,PD & PID The return blower - which directs some of the exhaust air to reuse and mix with fresh air from outside, is switched on at around 220 seconds. There is a sharp decrease in temperature which is unexplainable. Also with & without closed loop control (PID) the system is reaching steady state value of 21 deg celsius (desired temperature) Still, desired flow rate is not achieved (due to absence of blower) and level of CO2 dropped to zero which is not expected
DRAFT 4	ONGOING. CHANGED THE MODEL ENTIRELY