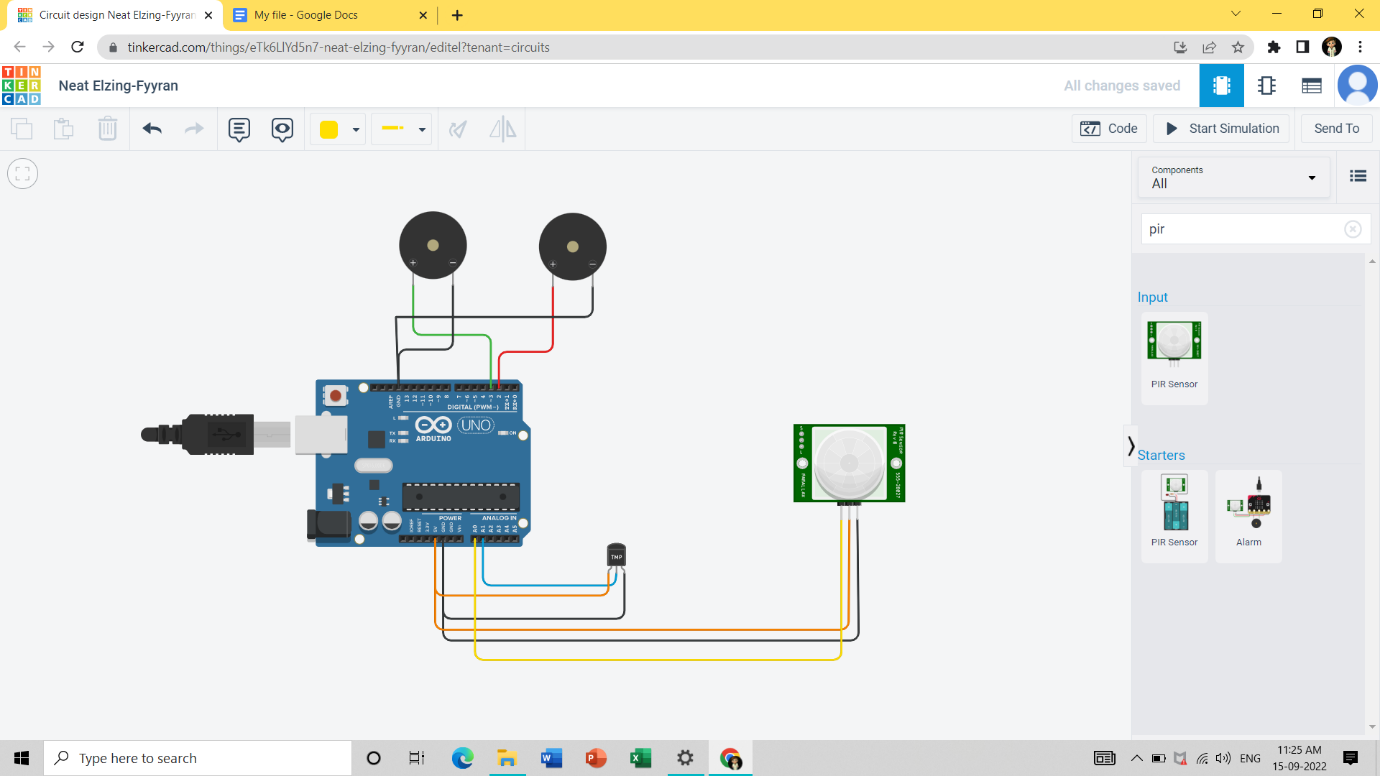
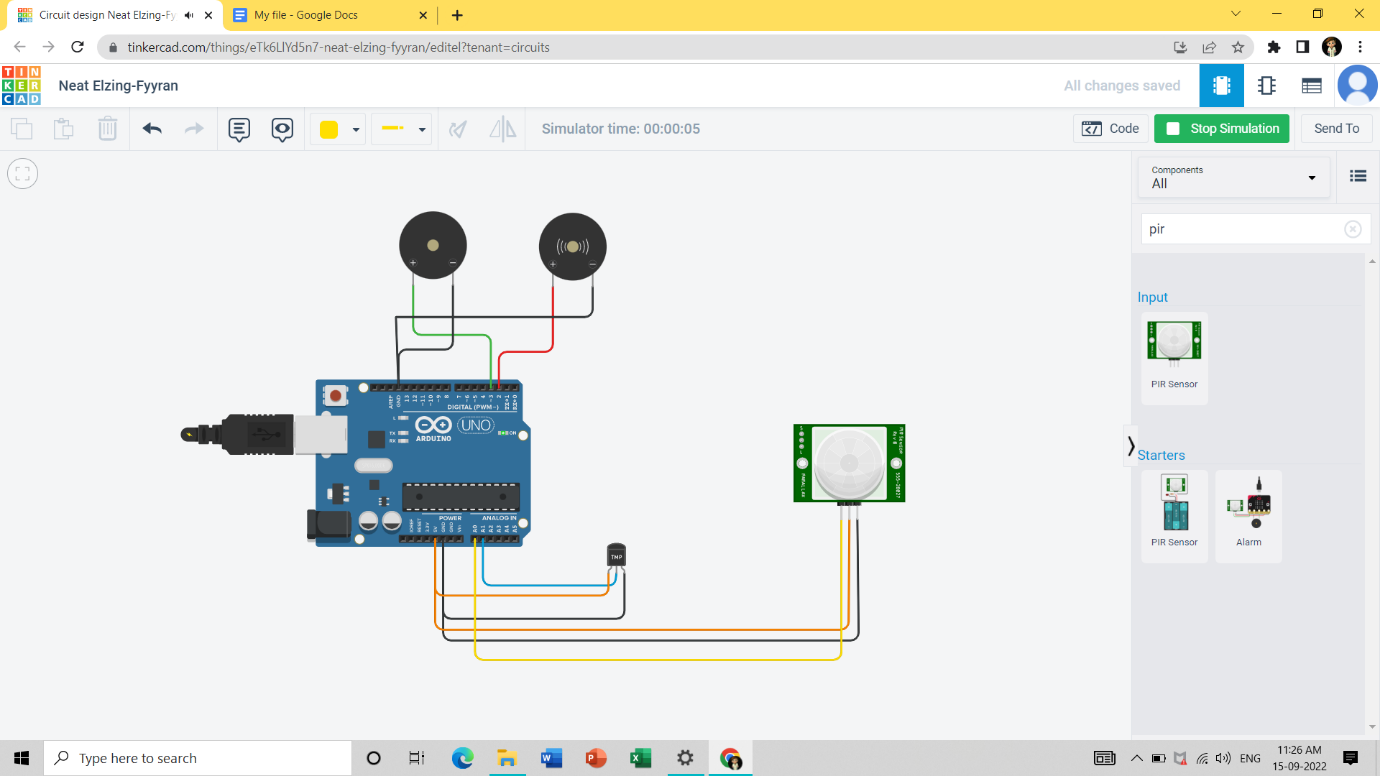
BEFORE SIMULATION: 

AFTER SIMULATION:



CODE:

