Temp-Sensing

1) Void enqueue ★ adding from back ★

temp_average holds all the data

↳ loop through 6 times

temp average (array of most recent average temp)

first run

↳ replaces first element of temp average with temp snapshot row [0] col [0]

subtract weight temp average (zero'ed out)

takes [0][0] and replaces it with newest temp data

add new weighted temp average

second run i = 1

row doesn't change as rear = 0

↳ replaces next element of temp average with temp snapshot row [0] col [1]

★ assumption that oldest data is there ★

subtract weight temp average (zero'ed out)

takes [0][0] and replaces it with newest temp data

add new weighted temp average

2) calculate temperature

converting voltage into temperature and returned in °C

3) measure TempADC

tells MUX to read from which thermistor

↳ sets the bits

temp snapshot updated with most recent data

call the enqueue ①

4) power Fan