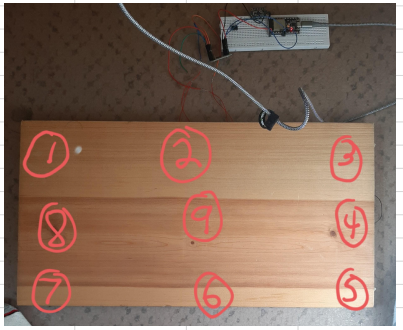
Experiment 1	Description: step around the board a certain amount of times, and determine the edge step efficiency										Size
	Trial 1	Trial 2	Trial 3							Darren's board	28cm x 64cm x 2cm
Registered Steps (Jason)											
Resigistered Steps (Darren)	12	12	6							Jason's board	
Resigistered Steps (Darren) Day 2	12	8	13								
Total Steps	16	16	16								
Edge step efficiency (%) (Jason)											
Edge step efficiency (%) (Darren)	75	75	37.5								
Edge step efficiency (%) (Darren)	75	50	81.25								
Average edge step efficiency	65.625		(higher is better)								
Nptes:	During the second and third trial, my foot almost flipped the wooden board by stepping on the edges of the board, and the board was unable to recognize steps for a few seconds.										
	A possible issue is that the board is not the best, because the wooden board I found was kind of old. The board isn't completely level, so we may want to buy another whole set of amazon sensors and buy a brand new board if we want to go with these sensors for the final build.										

Experiment 2	Description: step on a certain spot of the board repeatedly (1 second between each step to let load sensor reset to 0) according to the image to the right								
	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5	Trial 6	Trial 7	Trial 8	Trial 9 (control)
Resigistered Steps (Darren)	19		20		17		6		20
Resigistered Steps (Jason)	18		19				3		16
Total Steps	20		20		20		20		20
Edge step efficiency (%) (Darren)	95	#DIV/0!	100	#DIV/0!	85	#DIV/0!	30	#DIV/0!	100
Edge step efficiency (%) (Jason)	90	#DIV/0!	95	#DIV/0!	0	#DIV/0!	15	#DIV/0!	80
Average edge step efficiency	76.66666667		(higher is better)						
Notes/conclusions:	Eliminated trials 2, 4, 6, and 8 because we felt that they are already covered by the other 5 trials								
	Choosing the right board for the pressure plate is just as important as getting the load sensors working								
	The board is not stable, and so we should consider ways to stabilize the board from moving around, while they are getting pressed								
	Maybe consider lowering the threshold weight								
	Might want to use a sturdier material for final design (not wood)								
	Board is acting like a table that is not level (possible issue with Darren's pressure plate)								
	It is fine to apply all the weight on one of the four sensors, as long as, an appropriate board is chosen.								



Experiment 3 (Darren's trials)	Description: Using a weight lighter than the threshold weight and dropping it in the **center of the pressure plate** to see if the pressure plate counts weights lighter than the set threshold weight		
	Trial 1	Trial 2	Trial 3
Resigistered Steps (Darren)	0	0	0
Resigistered Steps (Jason)			
Total Steps	10	10	10
Edge step efficiency (%) (Darren)	0	0	0
Edge step efficiency (%) (Jason)	0	0	0
Average edge step efficiency	0		(lower is better)
Nptes:	Seems like the pressure plate does not have any issues with not making accidental counts when a weight lower than the threshold has been put on it.		