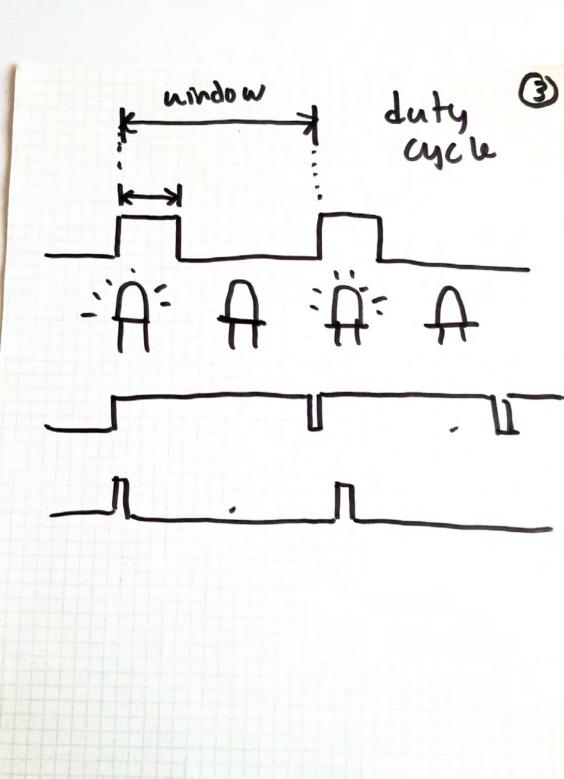
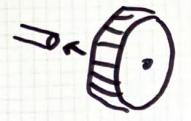
				0
CO65 3	300 M	ove we	mt 63	Sep 16/3
Warm	' a	s you vith "	can a physic ast tin	g circls ucting s" ne)
				direction
104	Μøι	MOZ	W03	MOY
	control	02	03	04
Mode	alation			

with modulation Dimmer pwm ~ AM Amplitude FM Frequency

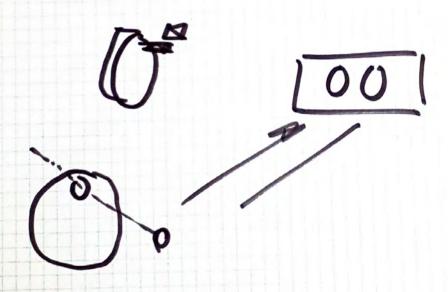






De sign challenge:

How do you mersure the when 1?





hi yes. 000 1 worth is like newon nunication 1 pulse 1 twitch Jillill

co65 300 movement 03 Sept 16/25
Today we are starting to more rowards control. You've already seen our topic for today:
pulse width nodulation.
send out a pulse
time > the pulse has a width
the purity read a
the Arduino measures the width.
the Arduino measures the with.
10 modulate
some value of interest
This is a common porndism.
AM: Amplitude modulation
I us I tilt height = ditt mennig.
For : frequency modulation
- tiff while longh = Litt

with

with

cycles

the start and, more with=

start on = brighty (LED)

none on = faity (Midor)

* Motor driver activity + Lomo.

You can see that the motor triver doesn't include a sensor.

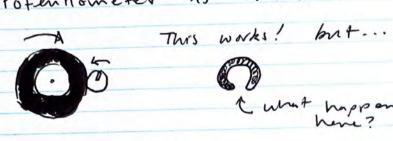
for the which has twent?

Time: potentially! what about load?

Voltage: We'd need to hook it in,

etc.

Potentioneter as encolor

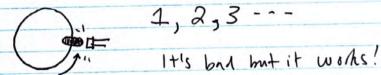


t what happons here?

at some point, we need a counter.

* Counter demo.

If we attach a notch or pin



Design a better countr-Style encoder.

Connection to muscles:

our body needs to know when it

PWM is "like" Newon Commication (to muchs). Q - i - Dis one pulse = 1 twitch small contraction bigger perceptible. PWM is a model of motor newons. + much novement. you can stimulate motor nevers with enemicity. Some people wake products to reserve to his. Re: pino-playing robit. is his similar or diff Are ow muchy "just" notors?