Classes

class RPS40ST:
class for the pressure sensor

det_mit__ (Self, pin)

det raw_input(Self)
onlyubean analog data from pressure sensor

Olet force_input(Self)
onlyuts force (N) on the pressure sensor

class ILI 9341

class for deplay & touch sensor

det _ met__ (self, bus address, default brightness)

det _ setup(self)

det_setup(self)
setup display

det print (self, mussage, alignment) # displays the message on the touchscreen.

det print hi (self, missage, alignmet)

movies to next line and prints missage

det deur (Self) # cleurs everything displayed

det show dot (self, x, y, svze)

show a write at the x, y location

det touch-loc (self) # gets location that the touch screen is tapped

det west- for-touch (self): # wests ber bouch and returns bouch location class bruzzer

def-- unit-- (self.pm, default volume) def buzz-once (self, volume = defent volume)
buzzes for 0.25 def buzz-true (self.true, volume = deforttrue) # buzz for speuful trus

2 Thisto

Krussere Test

D Buzzer beats at oscillation, frequency
D User instructed to lap whenever it beats
and we constant pressure

(3) Tuning und prissure recorded.

Reaction Frot.

- (1) a dot is displayed on bouch screen (2) bome untit dot pressed recorded (3) dot moves to different location

Power On / Phaggal late Wall Display! " select lest to begin" "reachon test" "pressure test" display, motorischens display riser imput: the user input! tap anywhere to begon " duply a dot at a rundom la on secon Buzz the buzzer read data at oscillating bugunus west for tap measure time between 1,~455 Calculate Results Caladots Result Ovsplay runts Orplay woult. Chemip