C:\Users\yaels\anaconda3\envs\Gymmy\python.exe "C:\Users\yaels\יעל פרוייקט גמר\zedcheck\TrainingNew.py"

pygame 2.5.2 (SDL 2.28.3, Python 3.11.9)

Hello from the pygame community. https://www.pygame.org/contribute.html

screen start

CAMERA INITIALIZATION

ROBOT INITIALIZATION

CAMERA START

MP INITIALIZATION

MP START

Training: start exercises

ROBOT START

CAMERA: Exercise hello\_waving start

CAMERA: Exercise hello\_waving done

TRAINING: Exercise left\_hand\_up\_and\_bend\_notool start

CAMERA: Exercise left\_hand\_up\_and\_bend\_notool start

ROBOT: Exercise left\_hand\_up\_and\_bend\_notool start

65.36 26.58

left wrist x: -450.45135

right wrist x: -114.531906

nose: -294.7608

32.83 22.61

left wrist x: -463.86838

right wrist x: -93.988266

nose: -307.10736

21.75 22.61

left wrist x: -477.8236

right wrist x: -80.05215

nose: -310.35434

20.6 23.46

left wrist x: -488.6665

right wrist x: -66.72073

nose: -310.41156

22.56 23.5

left wrist x: -485.67996

right wrist x: -56.337433

nose: -309.2765

23.64 22.09

left wrist x: -470.91937

right wrist x: -50.146187

nose: -309.71487

23.1 21.21

left wrist x: -458.62115

right wrist x: -43.514656

nose: -309.77997

22.55 21.35

left wrist x: -445.73685

right wrist x: -37.745808

nose: -309.59177

22.57 21.02

left wrist x: -443.52805

right wrist x: -36.568745

nose: -306.60406

22.94 20.07

left wrist x: -451.2102

right wrist x: -36.524654

nose: -305.1494

22.95 20.34

left wrist x: -460.50327

right wrist x: -38.69404

nose: -304.14383

22.23 20.77

left wrist x: -464.74603

right wrist x: -39.73989

nose: -302.9282

21.72 20.75

left wrist x: -463.73816

right wrist x: -40.277702

nose: -303.59058

21.47 20.39

left wrist x: -474.61328

right wrist x: -39.10593

nose: -323.59894

21.1 20.18

left wrist x: -457.13632

right wrist x: -42.05002

nose: -307.00098

21.82 20.28

left wrist x: -456.9504

right wrist x: -43.798252

nose: -307.9304

22.86 20.66

left wrist x: -455.55145

right wrist x: -44.477654

nose: -311.25537

C:\Users\yaels\יעל פרוייקט גמר\zedcheck\Camera.py:30: RuntimeWarning: invalid value encountered in scalar divide

cosine\_angle = np.dot(ba, bc) / (np.linalg.norm(ba) \* np.linalg.norm(bc))

0.0 nan

left wrist x: 0

right wrist x: 741.25854

nose: -154.70569

0.0 nan

left wrist x: 0

right wrist x: 708.4986

nose: -131.47678

10.41 21.15

left wrist x: 576.42035

right wrist x: 511.7576

nose: -104.46601

9.5 21.43

left wrist x: 586.4309

right wrist x: 548.042

nose: -66.87898

8.84 23.62

left wrist x: 544.3134

right wrist x: 569.21234

nose: -26.469496

9.04 27.61

left wrist x: 521.55585

right wrist x: 566.39294

nose: 6.2568

10.47 28.41

left wrist x: 511.9063

right wrist x: 570.05634

nose: 16.133148

9.18 30.18

left wrist x: 500.33362

right wrist x: 565.8687

nose: 15.913029

7.94 23.8

left wrist x: 522.48737

right wrist x: 558.26117

nose: -21.894915

7.92 20.49

left wrist x: 541.93115

right wrist x: 576.25836

nose: -64.75283

8.49 19.51

left wrist x: 556.9576

right wrist x: 627.2565

nose: -109.4315

9.19 19.51

left wrist x: 547.64026

right wrist x: 642.53467

nose: -119.24925

9.53 19.67

left wrist x: 535.2034

right wrist x: 643.1202

nose: -117.19528

9.66 19.81

left wrist x: 525.6081

right wrist x: 640.2386

nose: -113.36509

9.68 19.91

left wrist x: 520.38556

right wrist x: 645.0232

nose: -111.26474

9.63 19.96

left wrist x: 520.10455

right wrist x: 650.3887

nose: -109.3079

9.57 19.97

left wrist x: 520.13434

right wrist x: 655.6895

nose: -107.371346

9.52 19.97

left wrist x: 519.68695

right wrist x: 661.659

nose: -106.99004

9.5 19.96

left wrist x: 519.58734

right wrist x: 665.7472

nose: -107.50534

9.49 19.95

left wrist x: 519.0418

right wrist x: 669.31635

nose: -107.85541

9.46 19.94

left wrist x: 516.8756

right wrist x: 673.3261

nose: -106.1593

9.44 19.94

left wrist x: 514.594

right wrist x: 676.15765

nose: -104.63481

9.43 19.94

left wrist x: 512.0916

right wrist x: 679.60126

nose: -104.497185

9.46 19.94

left wrist x: 511.26672

right wrist x: 680.9518

nose: -105.225

9.45 19.94

left wrist x: 509.69983

right wrist x: 683.4546

nose: -105.19161

robot count: 1

9.44 19.94

left wrist x: 507.48868

right wrist x: 686.39484

nose: -104.52911

9.44 19.94

left wrist x: 505.65463

right wrist x: 688.69104

nose: -104.29249

9.45 19.94

left wrist x: 503.9441

right wrist x: 690.89777

nose: -104.4329

9.46 19.94

left wrist x: 502.4485

right wrist x: 693.0047

nose: -105.37021

9.46 19.93

left wrist x: 499.15546

right wrist x: 696.1095

nose: -104.36036

9.46 19.93

left wrist x: 496.80212

right wrist x: 698.4299

nose: -103.980965

9.45 19.93

left wrist x: 494.25378

right wrist x: 700.6

nose: -103.67551

9.44 19.93

left wrist x: 490.84808

right wrist x: 703.13165

nose: -103.75507

9.42 19.93

left wrist x: 482.7544

right wrist x: 707.3129

nose: -100.86913

9.41 19.93

left wrist x: 478.62384

right wrist x: 710.8827

nose: -101.115135

9.4 19.93

left wrist x: 473.3068

right wrist x: 713.64044

nose: -100.572105

9.41 19.93

left wrist x: 468.1912

right wrist x: 714.3895

nose: -99.260925

166.69 20.24

left wrist x: -415.26627

right wrist x: -187.0236

nose: -279.30508

164.25 20.17

left wrist x: -417.2922

right wrist x: -165.85788

nose: -290.4611

161.48 20.48

left wrist x: -420.57193

right wrist x: -130.64595

nose: -297.02545

158.93 20.39

left wrist x: -425.2213

right wrist x: -111.09128

nose: -295.3828

155.58 19.07

left wrist x: -419.668

right wrist x: -83.73444

nose: -291.19226

153.26 19.09

left wrist x: -423.3147

right wrist x: -67.09441

nose: -288.8318

149.17 21.81

left wrist x: -443.03632

right wrist x: -48.729946

nose: -289.39413

143.65 26.42

left wrist x: -465.72342

right wrist x: -26.745409

nose: -294.29184

136.64 27.63

left wrist x: -475.27197

right wrist x: -12.758047

nose: -292.44235

131.43 26.63

left wrist x: -476.1974

right wrist x: 0.35677832

nose: -290.06406

124.5 24.49

left wrist x: -473.5759

right wrist x: 14.64428

nose: -285.35904

115.36 22.71

left wrist x: -469.04797

right wrist x: 25.228666

nose: -275.87772

102.69 22.07

left wrist x: -467.1701

right wrist x: 39.79039

nose: -258.80276

88.02 21.89

left wrist x: -451.75705

right wrist x: 44.625595

nose: -249.82303

82.53 22.56

left wrist x: -453.80435

right wrist x: 45.148537

nose: -244.78473

74.16 23.69

left wrist x: -453.94635

right wrist x: 49.007935

nose: -242.76305

67.67 24.45

left wrist x: -462.90097

right wrist x: 50.896038

nose: -243.02591

56.4 24.75

left wrist x: -474.25842

right wrist x: 53.10185

nose: -231.45175

44.05 27.06

left wrist x: -494.16638

right wrist x: 56.498535

nose: -216.37871

39.1 28.97

left wrist x: -502.47754

right wrist x: 58.220917

nose: -204.98846

35.13 29.38

left wrist x: -505.1132

right wrist x: 60.754692

nose: -194.5085

33.58 28.89

left wrist x: -503.47202

right wrist x: 64.30119

nose: -186.56775

32.11 28.48

left wrist x: -500.65125

right wrist x: 67.33405

nose: -184.75119

31.33 28.52

left wrist x: -500.12256

right wrist x: 68.885704

nose: -187.98538

31.46 28.9

left wrist x: -502.77048

right wrist x: 68.21971

nose: -193.66689

33.45 28.13

left wrist x: -502.64902

right wrist x: 63.629345

nose: -196.83472

35.58 27.47

left wrist x: -504.23236

right wrist x: 58.88405

nose: -205.53667

38.26 26.98

left wrist x: -503.08835

right wrist x: 51.200104

nose: -210.17123

42.44 25.77

left wrist x: -514.4815

right wrist x: 41.703033

nose: -231.6291

47.84 25.85

left wrist x: -502.7269

right wrist x: 32.65658

nose: -237.01111

53.91 25.52

left wrist x: -497.33414

right wrist x: 23.374752

nose: -256.13544

62.97 24.41

left wrist x: -490.28445

right wrist x: 8.88376

nose: -275.66296

77.49 21.8

left wrist x: -466.2254

right wrist x: -13.50084

nose: -296.02628

83.29 21.75

left wrist x: -455.91537

right wrist x: -30.095829

nose: -301.5897

92.17 22.18

left wrist x: -475.8562

right wrist x: -50.911873

nose: -300.4321

100.12 21.61

left wrist x: -470.19092

right wrist x: -71.36673

nose: -289.93857

108.19 21.37

left wrist x: -454.18362

right wrist x: -96.39809

nose: -279.0888

113.46 21.3

left wrist x: -434.3515

right wrist x: -113.48547

nose: -274.5754

121.78 22.52

left wrist x: -431.20206

right wrist x: -143.75781

nose: -263.86325

131.48 22.53

left wrist x: -423.85095

right wrist x: -164.20813

nose: -251.50708

141.18 21.38

left wrist x: -410.33115

right wrist x: -178.9172

nose: -231.44118

150.66 20.68

left wrist x: -399.86996

right wrist x: -197.89828

nose: -208.27144

155.46 21.21

left wrist x: -399.55563

right wrist x: -218.79973

nose: -199.51724

159.08 21.36

left wrist x: -400.99725

right wrist x: -229.90161

nose: -187.11148

167.0 20.96

left wrist x: -401.39352

right wrist x: -243.55386

nose: -157.33453

170.49 21.21

left wrist x: -406.61572

right wrist x: -247.95695

nose: -144.67671

robot count: 2171.91

20.95

left wrist x: -411.3155

right wrist x: -257.17438

nose: -131.70389

171.11 20.96

left wrist x: -415.83264

right wrist x: -263.26035

nose: -127.28302

169.46 21.01

left wrist x: -419.13443

right wrist x: -270.58475

nose: -123.07591

168.02 20.84

left wrist x: -424.17017

right wrist x: -276.90518

nose: -115.968796

163.57 19.89

left wrist x: -428.30167

right wrist x: -284.62195

nose: -105.11755

159.98 19.33

left wrist x: -427.59183

right wrist x: -286.57425

nose: -97.878174

158.49 19.38

left wrist x: -428.00983

right wrist x: -293.9929

nose: -89.2164

154.87 19.89

left wrist x: -424.03162

right wrist x: -301.92075

nose: -80.460754

150.05 20.82

left wrist x: -433.3944

right wrist x: -316.4681

nose: -75.598816

154.69 22.24

left wrist x: -443.30652

right wrist x: -327.7255

nose: -68.69512

160.26 22.32

left wrist x: -448.73694

right wrist x: -331.4514

nose: -64.42748

160.53 21.97

left wrist x: -446.77408

right wrist x: -327.97186

nose: -65.94926

159.79 21.37

left wrist x: -430.6356

right wrist x: -315.73624

nose: -82.40657

163.12 18.85

left wrist x: -414.1302

right wrist x: -295.5476

nose: -108.15721

166.17 18.0

left wrist x: -405.55936

right wrist x: -278.1747

nose: -139.62645

166.08 19.49

left wrist x: -413.62134

right wrist x: -263.9379

nose: -175.70099

167.09 20.03

left wrist x: -415.1674

right wrist x: -252.21628

nose: -205.16422

168.98 19.97

left wrist x: -414.7067

right wrist x: -234.9376

nose: -236.2053

167.93 17.15

left wrist x: -397.10617

right wrist x: -209.79137

nose: -255.9385

165.89 17.22

left wrist x: -379.50278

right wrist x: -178.69302

nose: -265.6382

163.31 17.34

left wrist x: -384.70724

right wrist x: -149.58571

nose: -293.8561

159.38 16.09

left wrist x: -373.37494

right wrist x: -131.19655

nose: -278.0633

155.46 15.51

left wrist x: -377.422

right wrist x: -109.9589

nose: -285.81104

151.47 15.75

left wrist x: -382.48425

right wrist x: -88.12341

nose: -286.24435

144.62 16.43

left wrist x: -389.8886

right wrist x: -68.61148

nose: -279.94556

134.2 16.91

left wrist x: -371.94278

right wrist x: -55.11327

nose: -275.802

124.43 17.82

left wrist x: -369.1087

right wrist x: -39.6715

nose: -274.45728

115.16 18.06

left wrist x: -376.79315

right wrist x: -26.221842

nose: -267.84637

102.39 18.78

left wrist x: -398.543

right wrist x: -23.620752

nose: -254.14249

85.82 19.82

left wrist x: -415.69754

right wrist x: -18.380508

nose: -245.0846

67.58 19.51

left wrist x: -421.8641

right wrist x: -3.2491684

nose: -232.46797

57.77 18.36

left wrist x: -418.7602

right wrist x: 12.940272

nose: -218.92598

49.96 17.34

left wrist x: -426.89108

right wrist x: 29.754524

nose: -218.24359

45.3 17.44

left wrist x: -412.76675

right wrist x: 38.76666

nose: -197.39478

40.5 17.38

left wrist x: -410.5724

right wrist x: 44.671535

nose: -189.58597

37.56 17.12

left wrist x: -409.7275

right wrist x: 46.611435

nose: -187.0642

34.41 16.35

left wrist x: -412.86597

right wrist x: 46.983364

nose: -185.55064

32.49 16.0

left wrist x: -415.37344

right wrist x: 45.70041

nose: -180.13972

31.09 16.07

left wrist x: -418.89474

right wrist x: 45.148426

nose: -177.07283

31.37 16.49

left wrist x: -423.34186

right wrist x: 43.959373

nose: -183.84276

34.15 17.61

left wrist x: -434.5787

right wrist x: 41.794422

nose: -201.08148

38.46 18.02

left wrist x: -438.1493

right wrist x: 34.579952

nose: -220.52756

47.52 18.21

left wrist x: -434.54776

right wrist x: 22.989496

nose: -233.07487

57.9 18.65

left wrist x: -429.22458

right wrist x: 11.3606615

nose: -244.85257

72.14 19.72

left wrist x: -427.13803

right wrist x: -3.4133494

nose: -258.25192

81.77 20.09

left wrist x: -432.46017

right wrist x: -17.008194

nose: -286.1903

87.09 20.19

left wrist x: -435.24496

right wrist x: -33.916668

nose: -285.10855

93.67 19.95

left wrist x: -444.79327

right wrist x: -50.630013

nose: -296.00003

103.25 19.06

left wrist x: -440.55145

right wrist x: -73.01029

nose: -297.0422

112.65 18.4

left wrist x: -434.02725

right wrist x: -87.6471

nose: -312.0687

118.3 18.0

left wrist x: -408.44254

right wrist x: -106.075386

nose: -287.99222

126.28 17.73

left wrist x: -400.12112

right wrist x: -131.59497

nose: -274.75385

132.69 18.14

left wrist x: -394.42548

right wrist x: -152.26633

nose: -260.42502

142.42 18.14

left wrist x: -389.45242

right wrist x: -175.67897

nose: -243.95305

148.14 19.04

left wrist x: -391.6072

right wrist x: -193.7859

nose: -228.08348

153.75 20.15

left wrist x: -400.9262

right wrist x: -217.44505

nose: -211.14735

158.53 21.08

left wrist x: -409.17035

right wrist x: -242.26726

nose: -179.15424

164.67 21.2

left wrist x: -411.6602

right wrist x: -258.3023

nose: -156.377

170.63 21.14

left wrist x: -414.55228

right wrist x: -269.198

nose: -146.79756

174.35 21.13

left wrist x: -421.2559

right wrist x: -290.42902

nose: -125.79429

172.78 22.37

left wrist x: -433.7775

right wrist x: -302.6173

nose: -106.25959

169.89 23.76

left wrist x: -445.16666

right wrist x: -314.1364

nose: -93.92577

163.51 24.28

left wrist x: -447.42346

right wrist x: -330.25412

nose: -91.29443

156.55 24.72

left wrist x: -448.28326

right wrist x: -336.2694

nose: -98.739746

154.98 24.76

left wrist x: -447.54572

right wrist x: -338.5613

nose: -101.01811

154.45 24.18

left wrist x: -443.17017

right wrist x: -337.7533

nose: -101.32264

156.55robot count: 3

25.1

left wrist x: -444.22943

right wrist x: -338.03162

nose: -103.40541

155.38 25.33

left wrist x: -447.01453

right wrist x: -339.9055

nose: -103.46643

157.49 25.03

left wrist x: -452.88757

right wrist x: -343.62305

nose: -108.05247

165.08 23.98

left wrist x: -455.09952

right wrist x: -346.45532

nose: -114.99962

170.25 23.71

left wrist x: -452.7372

right wrist x: -339.90158

nose: -129.815

172.73 22.74

left wrist x: -451.34735

right wrist x: -334.72552

nose: -150.90163

173.54 22.33

left wrist x: -450.23517

right wrist x: -326.53897

nose: -168.50877

176.85 22.08

left wrist x: -444.61615

right wrist x: -312.63788

nose: -180.99867

176.74 22.07

left wrist x: -441.44946

right wrist x: -297.69995

nose: -188.528

175.66 20.84

left wrist x: -432.6731

right wrist x: -283.15735

nose: -198.98247

175.32 19.22

left wrist x: -407.5614

right wrist x: -260.5611

nose: -211.08928

174.43 18.19

left wrist x: -395.00403

right wrist x: -235.85933

nose: -225.00548

174.08 18.11

left wrist x: -391.1584

right wrist x: -212.91191

nose: -234.05272

171.4 18.41

left wrist x: -380.68564

right wrist x: -186.83463

nose: -246.45409

168.73 19.5

left wrist x: -368.44485

right wrist x: -171.06738

nose: -252.10672

164.97 19.24

left wrist x: -352.8471

right wrist x: -152.30075

nose: -256.0816

159.95 18.88

left wrist x: -334.96994

right wrist x: -130.53146

nose: -257.902

155.98 17.88

left wrist x: -336.15753

right wrist x: -112.247635

nose: -257.85498

151.64 16.19

left wrist x: -346.31808

right wrist x: -96.81724

nose: -259.41986

143.14 16.82

left wrist x: -362.87

right wrist x: -71.32944

nose: -262.3695

132.55 17.61

left wrist x: -386.65817

right wrist x: -50.17978

nose: -267.54877

124.6 19.22

left wrist x: -413.25906

right wrist x: -30.220657

nose: -269.79684

116.78 20.98

left wrist x: -431.57498

right wrist x: -15.255287

nose: -270.81516

105.23 21.23

left wrist x: -440.3062

right wrist x: 0.13805911

nose: -271.91232

95.24 20.26

left wrist x: -439.85587

right wrist x: 11.914447

nose: -271.7823

82.62 19.44

left wrist x: -438.82126

right wrist x: 26.7718

nose: -273.17752

71.93 18.55

left wrist x: -433.42044

right wrist x: 37.23225

nose: -271.8947

56.0 17.48

left wrist x: -425.25897

right wrist x: 48.939323

nose: -262.7387

44.19 17.31

left wrist x: -421.77896

right wrist x: 54.63146

nose: -256.6885

36.6 17.28

left wrist x: -406.55634

right wrist x: 59.52693

nose: -256.85065

27.11 16.44

left wrist x: -387.38962

right wrist x: 64.19739

nose: -255.21523

20.93 16.7

left wrist x: -393.0811

right wrist x: 68.13077

nose: -246.6441

16.56 16.81

left wrist x: -400.63654

right wrist x: 71.0075

nose: -240.09523

18.45 16.96

left wrist x: -400.495

right wrist x: 76.52567

nose: -237.29095

25.28 17.06

left wrist x: -395.87015

right wrist x: 79.48353

nose: -236.03535

30.32 16.18

left wrist x: -414.85294

right wrist x: 75.73321

nose: -234.519

31.77 16.79

left wrist x: -423.84808

right wrist x: 69.76402

nose: -240.28087

32.17 17.94

left wrist x: -425.32156

right wrist x: 59.802223

nose: -244.77931

33.16 18.9

left wrist x: -415.92462

right wrist x: 44.78916

nose: -250.99548

35.57 19.64

left wrist x: -421.41486

right wrist x: 23.744852

nose: -264.9891

38.11 18.98

left wrist x: -425.3941

right wrist x: 3.2689865

nose: -282.14908

41.6 18.26

left wrist x: -422.78754

right wrist x: -14.101728

nose: -293.43658

49.73 18.05

left wrist x: -417.39893

right wrist x: -37.403275

nose: -300.0582

56.53 17.82

left wrist x: -407.66235

right wrist x: -49.04584

nose: -304.88498

64.86 18.28

left wrist x: -405.53198

right wrist x: -63.98978

nose: -310.36932

75.65 19.67

left wrist x: -391.87604

right wrist x: -84.62652

nose: -309.23364

84.41 22.2

left wrist x: -382.837

right wrist x: -101.637314

nose: -302.604

92.33 21.58

left wrist x: -379.10315

right wrist x: -119.8675

nose: -292.93335

98.38 19.76

left wrist x: -400.85522

right wrist x: -131.3268

nose: -283.0041

107.86 20.1

left wrist x: -423.17944

right wrist x: -153.91217

nose: -264.00046

114.06 20.54

left wrist x: -432.0545

right wrist x: -175.6246

nose: -244.82889

123.49 22.35

left wrist x: -435.9833

right wrist x: -207.5402

nose: -221.67766

133.39 21.39

left wrist x: -426.08282

right wrist x: -253.67584

nose: -204.41264

140.12 18.87

left wrist x: -415.72272

right wrist x: -274.9783

nose: -188.44783

146.23 17.33

left wrist x: -401.97296

right wrist x: -295.95444

nose: -173.3131

149.44 17.96

left wrist x: -396.69742

right wrist x: -320.16574

nose: -158.45384

155.74 17.85

left wrist x: -393.78134

right wrist x: -343.55527

nose: -140.24669

162.16 17.79

left wrist x: -395.97336

right wrist x: -354.88885

nose: -130.8027

171.65 20.06

left wrist x: -412.38632

right wrist x: -363.80783

nose: -118.18927

178.52 23.74

left wrist x: -447.20642

right wrist x: -355.73682

nose: -141.44296

172.86 26.37

left wrist x: -444.8892

right wrist x: -351.99466

nose: -109.88872

165.0 25.7

left wrist x: -452.70068

right wrist x: -342.29044

nose: -136.12544

159.2 25.3

left wrist x: -439.96524

right wrist x: -345.51938

nose: -100.62143

158.31 26.24

left wrist x: -452.24426

right wrist x: -345.41025

nose: -99.590996

159.02 26.62

left wrist x: -453.8478

right wrist x: -343.40906

nose: -102.84195

156.57 25.7

left wrist x: -443.4525

right wrist x: -337.39484

nose: -105.65364

155.33 23.96

left wrist x: -433.47855

right wrist x: -331.9589

nose: -120.06148

robot count: 4

154.1 21.71

left wrist x: -429.40308

right wrist x: -322.59467

nose: -134.50975

155.46 20.64

left wrist x: -432.53668

right wrist x: -312.59464

nose: -158.64172

158.99 21.52

left wrist x: -444.39215

right wrist x: -308.29837

nose: -175.89992

165.55 21.31

left wrist x: -446.85727

right wrist x: -308.03845

nose: -188.95897

172.79 20.21

left wrist x: -433.60065

right wrist x: -305.03476

nose: -193.7121

168.33 19.79

left wrist x: -411.4163

right wrist x: -295.1923

nose: -195.39334

161.74 20.04

left wrist x: -395.32397

right wrist x: -283.91443

nose: -197.76273

153.06 21.97

left wrist x: -377.8572

right wrist x: -261.41287

nose: -205.43471

148.26 23.15

left wrist x: -366.40405

right wrist x: -241.19485

nose: -218.13338

142.29 24.34

left wrist x: -355.75168

right wrist x: -212.87567

nose: -228.19931

137.2 25.08

left wrist x: -354.39975

right wrist x: -189.59933

nose: -235.79155

131.14 25.2

left wrist x: -345.30307

right wrist x: -170.03677

nose: -240.24033

121.21 22.57

left wrist x: -338.97327

right wrist x: -143.20363

nose: -249.38275

111.18 19.09

left wrist x: -335.6067

right wrist x: -115.73818

nose: -260.43033

101.32 16.33

left wrist x: -349.87653

right wrist x: -96.54245

nose: -264.8459

92.66 16.74

left wrist x: -369.99542

right wrist x: -83.181694

nose: -265.78973

81.45 16.77

left wrist x: -384.22232

right wrist x: -68.16634

nose: -267.617

71.09 16.24

left wrist x: -389.55518

right wrist x: -56.809105

nose: -268.73773

59.39 15.99

left wrist x: -398.46408

right wrist x: -44.34784

nose: -266.97858

50.98 16.08

left wrist x: -405.13348

right wrist x: -35.45196

nose: -261.41217

40.72 16.43

left wrist x: -420.13904

right wrist x: -22.289635

nose: -248.81854

31.41 16.66

left wrist x: -430.65387

right wrist x: -7.8658023

nose: -231.57304

26.83 16.81

left wrist x: -433.4061

right wrist x: 0.45891103

nose: -218.98969

21.64 17.43

left wrist x: -439.09122

right wrist x: 12.771651

nose: -202.61348

17.7 18.03

left wrist x: -445.24207

right wrist x: 26.273788

nose: -186.2945

18.55 19.14

left wrist x: -457.9636

right wrist x: 35.8238

nose: -183.40936

20.98 18.76

left wrist x: -455.148

right wrist x: 40.94587

nose: -187.14085

22.34 18.03

left wrist x: -446.686

right wrist x: 46.513836

nose: -188.94916

23.22 18.65

left wrist x: -447.46393

right wrist x: 52.062187

nose: -188.86937

23.56 18.82

left wrist x: -445.45856

right wrist x: 53.836987

nose: -193.3104

24.88 18.14

left wrist x: -443.56674

right wrist x: 54.2844

nose: -195.2623

26.3 17.79

left wrist x: -442.12775

right wrist x: 50.06198

nose: -201.0829

27.74 18.11

left wrist x: -442.69202

right wrist x: 42.924862

nose: -214.68933

31.19 19.21

left wrist x: -445.40903

right wrist x: 32.079952

nose: -232.3724

35.74 18.89

left wrist x: -440.30414

right wrist x: 22.20112

nose: -246.53453

43.84 18.58

left wrist x: -433.54437

right wrist x: 7.5365005

nose: -255.379

51.25 19.17

left wrist x: -436.02435

right wrist x: -7.572576

nose: -268.86426

61.38 19.16

left wrist x: -428.75934

right wrist x: -22.1221

nose: -288.00174

70.21 18.96

left wrist x: -421.73236

right wrist x: -36.247314

nose: -299.33685

80.06 19.57

left wrist x: -417.89212

right wrist x: -55.511456

nose: -304.07376

89.21 19.78

left wrist x: -416.69012

right wrist x: -78.22052

nose: -302.31506

98.81 19.89

left wrist x: -408.71213

right wrist x: -99.03224

nose: -294.01123

109.38 20.32

left wrist x: -398.07214

right wrist x: -122.4626

nose: -278.92877

116.4 20.83

left wrist x: -404.117

right wrist x: -137.04509

nose: -288.64783

122.09 20.88

left wrist x: -387.94907

right wrist x: -154.7546

nose: -257.88013

129.35 21.33

left wrist x: -384.0857

right wrist x: -172.59593

nose: -244.07907

137.85 21.71

left wrist x: -403.79715

right wrist x: -192.89967

nose: -229.93748

143.61 22.02

left wrist x: -409.58206

right wrist x: -210.04497

nose: -222.5161

151.34 22.24

left wrist x: -415.3603

right wrist x: -235.19147

nose: -218.87906

159.17 22.21

left wrist x: -410.34137

right wrist x: -259.9883

nose: -207.81093

165.16 19.36

left wrist x: -403.91895

right wrist x: -276.84546

nose: -197.19199

170.66 18.07

left wrist x: -400.4287

right wrist x: -292.96558

nose: -184.59637

175.23 17.87

left wrist x: -413.2505

right wrist x: -305.9183

nose: -168.99448

170.69 16.1

left wrist x: -412.16415

right wrist x: -308.87793

nose: -168.94453

163.08 16.8

left wrist x: -417.35446

right wrist x: -314.57855

nose: -159.07957

159.37 16.76

left wrist x: -407.55206

right wrist x: -318.27097

nose: -145.56456

155.03 18.04

left wrist x: -408.18207

right wrist x: -318.76303

nose: -133.59474

153.07 18.45

left wrist x: -408.698

right wrist x: -319.9751

nose: -124.92911

153.5 18.32

left wrist x: -412.33072

right wrist x: -319.5828

nose: -122.36144

165.41 17.13

left wrist x: -415.99673

right wrist x: -309.06522

nose: -119.69399

170.22 16.5

left wrist x: -415.6904

right wrist x: -304.06412

nose: -137.23567

173.31 16.47

left wrist x: -402.71655

right wrist x: -299.3415

nose: -156.48038

178.58 18.72

left wrist x: -399.82568

right wrist x: -287.55865

nose: -201.55844

174.13 22.51

left wrist x: -383.113

right wrist x: -284.593

nose: -182.8576

169.42 19.87

left wrist x: -366.25482

right wrist x: -273.03073

nose: -190.69286

165.01 20.09

left wrist x: -357.32455

right wrist x: -260.21527

nose: -202.2398

161.07 20.41

left wrist x: -351.06152

right wrist x: -237.58212

nose: -216.06168

robot count: 5158.1

19.96

left wrist x: -352.49838

right wrist x: -211.86479

nose: -230.04332

154.46 19.54

left wrist x: -358.60822

right wrist x: -191.92787

nose: -240.2864

150.35 19.14

left wrist x: -368.98547

right wrist x: -162.85202

nose: -254.1686

147.85 18.61

left wrist x: -376.88608

right wrist x: -137.7455

nose: -261.43033

141.92 18.84

left wrist x: -398.819

right wrist x: -113.514565

nose: -267.47073

136.19 19.75

left wrist x: -414.13205

right wrist x: -93.02903

nose: -271.37317

127.56 21.35

left wrist x: -449.17416

right wrist x: -76.51599

nose: -289.9866

117.48 22.17

left wrist x: -423.4486

right wrist x: -70.62167

nose: -277.5128

106.92 22.43

left wrist x: -411.04205

right wrist x: -53.52658

nose: -277.17465

103.07 21.81

left wrist x: -409.97067

right wrist x: -38.86251

nose: -272.2754

94.91 20.91

left wrist x: -416.87366

right wrist x: -20.951796

nose: -258.8951

89.73 20.35

left wrist x: -427.4687

right wrist x: -8.528949

nose: -244.24026

80.04 19.45

left wrist x: -432.17575

right wrist x: 10.923057

nose: -215.51556

70.81 18.12

left wrist x: -427.41925

right wrist x: 23.458363

nose: -193.52325

60.45 17.07

left wrist x: -435.71417

right wrist x: 33.30754

nose: -183.20299

54.98 16.56

left wrist x: -421.22116

right wrist x: 36.397205

nose: -167.47173

48.75 14.83

left wrist x: -413.08377

right wrist x: 42.790047

nose: -158.79459

40.38 14.04

left wrist x: -406.63477

right wrist x: 48.136086

nose: -147.12257

34.09 14.62

left wrist x: -410.18216

right wrist x: 47.454765

nose: -136.21742

29.62 15.35

left wrist x: -415.6659

right wrist x: 48.98539

nose: -129.28717

26.75 15.87

left wrist x: -421.6165

right wrist x: 53.207066

nose: -128.2475

28.07 16.04

left wrist x: -425.5441

right wrist x: 54.887672

nose: -133.3725

31.69 15.9

left wrist x: -427.15912

right wrist x: 52.59858

nose: -141.26053

36.26 15.64

left wrist x: -426.3069

right wrist x: 49.26284

nose: -154.06921

41.91 15.45

left wrist x: -424.6662

right wrist x: 44.272835

nose: -179.11903

49.21 16.29

left wrist x: -427.64597

right wrist x: 35.92266

nose: -213.31276

56.14 17.23

left wrist x: -432.69223

right wrist x: 27.937443

nose: -240.57924

66.88 18.35

left wrist x: -441.3031

right wrist x: 13.142718

nose: -274.15707

77.7 18.59

left wrist x: -454.211

right wrist x: -3.805116

nose: -302.86966

83.91 19.29

left wrist x: -457.23828

right wrist x: -18.72869

nose: -323.83557

92.2 20.38

left wrist x: -452.49005

right wrist x: -34.727425

nose: -334.43317

101.11 19.52

left wrist x: -431.60825

right wrist x: -54.361687

nose: -329.35474

111.52 19.68

left wrist x: -443.82825

right wrist x: -75.79996

nose: -316.16153

119.58 20.94

left wrist x: -450.30814

right wrist x: -99.08183

nose: -295.44568

124.4 22.65

left wrist x: -453.99258

right wrist x: -118.05538

nose: -281.3498

131.04 22.58

left wrist x: -442.56732

right wrist x: -142.62886

nose: -265.9864

138.93 21.34

left wrist x: -423.15506

right wrist x: -158.76677

nose: -253.34883

147.5 20.32

left wrist x: -408.72623

right wrist x: -178.58464

nose: -222.23697

154.33 18.98

left wrist x: -393.93375

right wrist x: -200.14833

nose: -195.15488

159.34 18.39

left wrist x: -385.7997

right wrist x: -226.2662

nose: -166.4044

163.87 18.3

left wrist x: -385.372

right wrist x: -244.31093

nose: -146.99525

168.68 18.0

left wrist x: -387.92578

right wrist x: -261.57587

nose: -131.02641

165.35 17.72

left wrist x: -399.3818

right wrist x: -279.9341

nose: -120.53506

157.0 18.5

left wrist x: -407.52054

right wrist x: -289.36002

nose: -103.11622

151.0 24.53

left wrist x: -393.55533

right wrist x: -289.37436

nose: -83.48229

149.12 29.06

left wrist x: -382.65976

right wrist x: -291.1115

nose: -73.98

counter:1

149.15 29.89

left wrist x: -377.51462

right wrist x: -309.3308

nose: -69.66967

159.06 31.65

left wrist x: -383.35403

right wrist x: -308.6012

nose: -70.15514

160.9 31.05

left wrist x: -387.5357

right wrist x: -307.0014

nose: -72.11331

165.05 28.57

left wrist x: -384.24533

right wrist x: -301.25775

nose: -82.33275

169.26 24.8

left wrist x: -382.16348

right wrist x: -289.53735

nose: -102.41722

174.61 20.98

left wrist x: -382.0814

right wrist x: -271.897

nose: -126.25466

175.35 18.98

left wrist x: -382.29245

right wrist x: -257.07233

nose: -146.7293

170.94 18.71

left wrist x: -376.2399

right wrist x: -240.28754

nose: -169.89325

165.49 18.59

left wrist x: -367.02618

right wrist x: -222.41592

nose: -191.70764

158.74 17.1

left wrist x: -365.70798

right wrist x: -197.6247

nose: -215.51732

153.07 16.87

left wrist x: -387.27603

right wrist x: -172.03021

nose: -250.64934

148.82 17.76

left wrist x: -384.40848

right wrist x: -153.11392

nose: -236.94559

141.71 17.97

left wrist x: -389.00543

right wrist x: -124.94982

nose: -250.09406

137.87 17.58

left wrist x: -389.55264

right wrist x: -106.48055

nose: -255.35042

131.02 17.81

left wrist x: -391.366

right wrist x: -78.90588

nose: -263.39008

123.08 19.65

left wrist x: -405.3297

right wrist x: -59.535126

nose: -270.05112

116.29 19.5

left wrist x: -389.00674

right wrist x: -45.630608

nose: -274.09076

108.16 19.31

left wrist x: -395.75403

right wrist x: -29.49158

nose: -293.01758

95.59 20.51

left wrist x: -394.78082

right wrist x: -20.867899

nose: -275.46997

81.67 21.12

left wrist x: -408.47028

right wrist x: -5.437509

nose: -269.18637

robot count: 6

73.49 19.68

left wrist x: -408.77258

right wrist x: 14.826879

nose: -259.58386

67.86 17.79

left wrist x: -402.5897

right wrist x: 29.328552

nose: -248.9691

62.11 16.02

left wrist x: -390.665

right wrist x: 43.510937

nose: -234.85687

58.29 14.98

left wrist x: -392.987

right wrist x: 50.987446

nose: -222.32658

53.09 14.97

left wrist x: -398.91315

right wrist x: 58.447945

nose: -205.51659

44.67 15.06

left wrist x: -403.0461

right wrist x: 62.582977

nose: -192.75441

38.39 15.42

left wrist x: -406.4584

right wrist x: 67.01977

nose: -183.84372

35.65 14.29

left wrist x: -408.13998

right wrist x: 66.90333

nose: -180.27275

34.87 13.28

left wrist x: -409.05988

right wrist x: 65.90213

nose: -181.02261

33.82 12.94

left wrist x: -407.4506

right wrist x: 68.480644

nose: -183.46925

33.38 13.25

left wrist x: -404.86185

right wrist x: 70.75958

nose: -193.77376

33.09 13.65

left wrist x: -403.69705

right wrist x: 69.65903

nose: -206.77449

33.63 14.32

left wrist x: -407.554

right wrist x: 63.069725

nose: -218.7956

36.03 15.44

left wrist x: -428.72772

right wrist x: 50.672737

nose: -247.45628

38.7 16.79

left wrist x: -419.95752

right wrist x: 38.67056

nose: -255.4683

44.67 17.45

left wrist x: -419.48206

right wrist x: 24.964941

nose: -273.31686

55.73 17.88

left wrist x: -421.6132

right wrist x: 5.7453065

nose: -291.67093

65.13 18.33

left wrist x: -436.20624

right wrist x: -6.2575436

nose: -317.7552

70.2 19.21

left wrist x: -426.54544

right wrist x: -19.96741

nose: -308.1513

77.39 20.67

left wrist x: -431.6533

right wrist x: -35.839973

nose: -314.0551

86.66 22.5

left wrist x: -467.76144

right wrist x: -56.84143

nose: -317.45517

97.06 23.09

left wrist x: -481.36703

right wrist x: -84.402824

nose: -311.90607

104.84 23.75

left wrist x: -470.62296

right wrist x: -104.7262

nose: -298.00748

116.64 21.63

left wrist x: -444.5434

right wrist x: -137.90147

nose: -275.77933

123.62 22.03

left wrist x: -450.70248

right wrist x: -152.23515

nose: -285.42096

128.62 23.6

left wrist x: -426.9114

right wrist x: -169.9541

nose: -252.66942

135.84 25.25

left wrist x: -417.84018

right wrist x: -187.49867

nose: -241.55702

144.21 23.17

left wrist x: -413.43405

right wrist x: -214.05855

nose: -227.19951

153.33 21.37

left wrist x: -404.37628

right wrist x: -236.81203

nose: -218.8386

161.48 21.05

left wrist x: -399.49857

right wrist x: -258.46072

nose: -217.99274

167.61 18.62

left wrist x: -392.50134

right wrist x: -281.26968

nose: -203.10265

171.19 18.91

left wrist x: -395.64713

right wrist x: -293.8159

nose: -192.04823

174.01 19.81

left wrist x: -400.80585

right wrist x: -301.79236

nose: -184.65628

173.98 18.89

left wrist x: -405.3211

right wrist x: -307.2576

nose: -185.27753

171.68 16.03

left wrist x: -399.3706

right wrist x: -306.21906

nose: -179.94453

169.52 14.34

left wrist x: -393.74124

right wrist x: -306.6705

nose: -175.5973

170.06 14.97

left wrist x: -399.29825

right wrist x: -310.2732

nose: -172.91873

170.57 15.22

left wrist x: -408.8032

right wrist x: -309.21832

nose: -176.00996

171.6 16.12

left wrist x: -419.55795

right wrist x: -308.52795

nose: -185.22218

175.45 16.33

left wrist x: -414.3135

right wrist x: -302.85126

nose: -200.49463

172.98 17.25

left wrist x: -420.5601

right wrist x: -287.36304

nose: -239.7242

167.6 17.86

left wrist x: -394.49802

right wrist x: -280.474

nose: -226.08989

162.54 17.79

left wrist x: -373.40878

right wrist x: -266.88928

nose: -237.63043

156.01 17.87

left wrist x: -360.8686

right wrist x: -246.69945

nose: -250.4614

150.89 18.78

left wrist x: -355.61685

right wrist x: -223.89767

nose: -256.15607

146.17 19.75

left wrist x: -354.14627

right wrist x: -198.49242

nose: -259.15332

138.67 18.08

left wrist x: -357.21133

right wrist x: -166.51212

nose: -266.50394

131.11 17.81

left wrist x: -372.2803

right wrist x: -143.25568

nose: -270.42905

122.82 21.84

left wrist x: -395.8835

right wrist x: -114.217766

nose: -275.78503

112.21 24.11

left wrist x: -418.16476

right wrist x: -92.370674

nose: -282.7579

103.36 23.01

left wrist x: -422.40097

right wrist x: -73.69348

nose: -285.67416

90.34 20.6

left wrist x: -420.89352

right wrist x: -54.622486

nose: -294.56097

78.92 19.75

left wrist x: -425.22974

right wrist x: -39.690968

nose: -304.5823

68.57 19.17

left wrist x: -402.57965

right wrist x: -27.250784

nose: -303.49722

60.96 18.39

left wrist x: -390.38626

right wrist x: -12.672113

nose: -294.81604

51.06 18.14

left wrist x: -390.8911

right wrist x: 2.298594

nose: -289.50888

43.71 18.75

left wrist x: -404.12585

right wrist x: 11.116757

nose: -287.10068

35.74 16.95

left wrist x: -405.00464

right wrist x: 22.342056

nose: -279.1499

30.3 15.23

left wrist x: -400.53348

right wrist x: 35.324627

nose: -270.58337

28.62 14.92

left wrist x: -402.70386

right wrist x: 42.959667

nose: -261.67932

27.52 15.04

left wrist x: -409.72006

right wrist x: 48.250347

nose: -253.4149

27.1 15.3

left wrist x: -417.05453

right wrist x: 50.30383

nose: -248.46677

28.18 15.33

left wrist x: -419.77106

right wrist x: 47.9389

nose: -249.5013

29.99 15.54

left wrist x: -421.22366

right wrist x: 42.016193

nose: -254.89992

33.51 16.09

left wrist x: -424.7278

right wrist x: 31.608437

nose: -264.37524

39.72 17.05

left wrist x: -431.44962

right wrist x: 16.38052

nose: -277.20932

robot count: 745.5

17.63

left wrist x: -433.4404

right wrist x: 1.8769351

nose: -290.33298

51.69 17.55

left wrist x: -429.13794

right wrist x: -12.30207

nose: -299.05374

60.55 17.53

left wrist x: -425.15186

right wrist x: -29.831158

nose: -310.5484

69.23 17.72

left wrist x: -418.34592

right wrist x: -39.9391

nose: -317.0842

74.47 17.37

left wrist x: -407.88516

right wrist x: -51.539627

nose: -319.9622

82.53 18.99

left wrist x: -427.48364

right wrist x: -64.97812

nose: -338.2853

88.59 20.79

left wrist x: -440.23038

right wrist x: -79.16048

nose: -315.3129

97.18 21.99

left wrist x: -458.92108

right wrist x: -94.57576

nose: -310.4782

105.97 21.21

left wrist x: -458.7112

right wrist x: -107.6347

nose: -305.685

114.12 21.28

left wrist x: -445.21408

right wrist x: -117.75672

nose: -302.18304

118.5 21.62

left wrist x: -447.3118

right wrist x: -125.674126

nose: -298.275

123.08 22.6

left wrist x: -453.07422

right wrist x: -136.19269

nose: -294.5333

127.74 21.81

left wrist x: -447.8674

right wrist x: -147.62567

nose: -291.1634

135.92 21.87

left wrist x: -442.02115

right wrist x: -158.677

nose: -280.99777

142.45 22.65

left wrist x: -437.47012

right wrist x: -166.38338

nose: -273.1291

149.25 22.05

left wrist x: -425.65735

right wrist x: -178.0213

nose: -262.70483

153.47 20.69

left wrist x: -411.1029

right wrist x: -189.48401

nose: -249.99654

158.52 19.36

left wrist x: -398.89377

right wrist x: -211.84174

nose: -233.93184

163.4 19.79

left wrist x: -392.74072

right wrist x: -235.30399

nose: -217.19125

170.85 20.17

left wrist x: -380.52814

right wrist x: -253.06258

nose: -205.77066

174.61 19.2

left wrist x: -377.7359

right wrist x: -259.49133

nose: -189.544

169.1 17.53

left wrist x: -384.9295

right wrist x: -265.90988

nose: -175.99748

161.71 16.95

left wrist x: -398.16785

right wrist x: -271.92706

nose: -159.11824

158.09 16.64

left wrist x: -405.17685

right wrist x: -272.88812

nose: -150.78777

156.84 17.56

left wrist x: -416.39258

right wrist x: -279.18945

nose: -148.58035

156.63 17.06

left wrist x: -417.54214

right wrist x: -291.6407

nose: -123.133095

153.02 16.6

left wrist x: -413.7534

right wrist x: -302.46744

nose: -100.40802

150.11 17.29

left wrist x: -406.59045

right wrist x: -309.44617

nose: -77.59267

148.02 16.87

left wrist x: -401.60947

right wrist x: -308.28342

nose: -62.11856

counter:2

148.95 18.46

left wrist x: -422.35086

right wrist x: -326.82782

nose: -47.75013

150.89 19.5

left wrist x: -415.84888

right wrist x: -340.42444

nose: -29.953047

151.86 19.67

left wrist x: -412.3996

right wrist x: -350.3526

nose: -18.644691

150.95 19.83

left wrist x: -410.87976

right wrist x: -349.59418

nose: -14.090984

149.12 21.26

left wrist x: -405.83527

right wrist x: -346.8142

nose: -12.399028

146.4 22.96

left wrist x: -409.71185

right wrist x: -342.7078

nose: -44.009613

143.65 24.87

left wrist x: -390.11282

right wrist x: -340.859

nose: -23.919851

147.6 29.32

left wrist x: -378.2444

right wrist x: -330.30463

nose: -42.10566

151.83 28.98

left wrist x: -377.07608

right wrist x: -329.67657

nose: -60.987915

163.12 25.35

left wrist x: -387.53528

right wrist x: -331.5589

nose: -84.13488

168.96 22.25

left wrist x: -400.17352

right wrist x: -322.29813

nose: -99.74404

168.49 19.87

left wrist x: -406.25775

right wrist x: -303.2744

nose: -123.59359

166.76 16.5

left wrist x: -396.303

right wrist x: -276.78345

nose: -157.78925

166.87 14.7

left wrist x: -386.70023

right wrist x: -234.94388

nose: -196.10147

164.18 14.68

left wrist x: -382.35703

right wrist x: -203.8711

nose: -215.63884

158.15 15.93

left wrist x: -380.50177

right wrist x: -170.61781

nose: -229.65652

151.43 16.5

left wrist x: -379.59766

right wrist x: -144.04604

nose: -240.71002

141.47 16.95

left wrist x: -384.28214

right wrist x: -121.16216

nose: -241.73714

130.31 16.89

left wrist x: -388.92566

right wrist x: -98.21926

nose: -244.73581

123.87 16.82

left wrist x: -395.51022

right wrist x: -81.57402

nose: -246.59145

116.26 16.97

left wrist x: -375.04858

right wrist x: -62.486088

nose: -249.9079

107.3 16.71

left wrist x: -366.33414

right wrist x: -45.13441

nose: -250.43022

93.84 16.93

left wrist x: -371.26587

right wrist x: -27.487741

nose: -254.23907

82.65 16.91

left wrist x: -383.04315

right wrist x: -7.195592

nose: -255.31247

74.26 17.25

left wrist x: -401.50607

right wrist x: 5.286888

nose: -246.06117

65.95 16.84

left wrist x: -411.3066

right wrist x: 12.972222

nose: -235.32416

60.16 16.2

left wrist x: -412.48657

right wrist x: 18.743872

nose: -228.95494

47.2 15.99

left wrist x: -405.31146

right wrist x: 27.669874

nose: -226.32344

37.19 16.54

left wrist x: -406.07352

right wrist x: 33.9417

nose: -228.62564

30.58 16.09

left wrist x: -409.99243

right wrist x: 36.15351

nose: -226.41476

25.37 16.01

left wrist x: -408.10193

right wrist x: 38.762314

nose: -223.16649

21.74 16.09

left wrist x: -414.45377

right wrist x: 41.69184

nose: -229.88417

23.45 16.12

left wrist x: -421.62158

right wrist x: 38.685432

nose: -233.89198

29.54 16.57

left wrist x: -425.05994

right wrist x: 31.117783

nose: -238.15791

robot count: 8

ROBOT: Exercise 37.01 left\_hand\_up\_and\_bend\_notool done

TRAINING: Exercise 16.51

left\_hand\_up\_and\_bend\_notool doneleft wrist x:

-423.19366

right wrist x: 21.473988

nose: -250.86684

C:\Users\yaels\יעל פרוייקט גמר\zedcheck\Excel.py:287: UserWarning: Starting a Matplotlib GUI outside of the main thread will likely fail.

plt.plot(plot\_data['x'], plot\_data['y'])

Directory created or already exists: Patients/1111/Graphs/left\_hand\_up\_and\_bend\_notool/28-06-2024 16-00-14

C:\Users\yaels\יעל פרוייקט גמר\zedcheck\Excel.py:287: UserWarning: Starting a Matplotlib GUI outside of the main thread will likely fail.

plt.plot(plot\_data['x'], plot\_data['y'])

Directory created or already exists: Patients/1111/Graphs/left\_hand\_up\_and\_bend\_notool/28-06-2024 16-00-14

CAMERA: Exercise left\_hand\_up\_and\_bend\_notool done