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Activities  Terminal  Jul 20 15:55  mobilearm@mobilearm: ~

Sent to Arduino: [0, 112, 45, 70, 90, 1]
Sent to Arduino: [0, 30, 0, 70, 60, 1]
Pick-and-place done
mobilearm@mobilearm: ~ $ python3 final_test1.py
^CTraceback (most recent call last):
  File "/home/mobilearm/final_test1.py", line 11, in <module>
    time.sleep(2)
KeyboardInterrupt

mobilearm@mobilearm: ~ $ python3 final_test1.py
Sent to Arduino: [0, 30, 0, 70, 60, 1]
Input mode (voice/text): text
Enter your command (e.g., 'take red box from shelf A'): shelf a
You entered: shelf a

Target Shelf: 50 cm
Obstacle: 217.22 cm | Traveled: 5.59 cm
Obstacle: 190.64 cm | Traveled: 11.75 cm
Obstacle: 184.45 cm | Traveled: 17.66 cm
Obstacle: 126.62 cm | Traveled: 23.72 cm
Obstacle: 76.18 cm | Traveled: 29.69 cm
Obstacle: 157.06 cm | Traveled: 35.42 cm
Obstacle: 154.01 cm | Traveled: 41.4 cm
Obstacle: 141.65 cm | Traveled: 47.38 cm
Obstacle: 128.63 cm | Traveled: 53.23 cm
Reached shelf at 50 cm
[WARN:0@28.469] global ./modules/videoio/src/cap_gstreamer.cpp (1405) open OpenCV | GStreamer warning: Cannot query video position: status=0, value=-1, duration=-1
Looking for marker ID: 3 (Press 'q' to quit)
Detected: X=-0.01m, Y=-0.01m, Z=0.12m
Sent to Arduino: [0, 30, 0, 70, 60, 45]
Sent to Arduino: [0, 82, 3, 70, 90, 45]
Waiting 5s at object location...
Sent to Arduino: [0, 82, 3, 70, 90, 1]
Sent to Arduino: [0, 30, 0, 70, 60, 1]
Pick-and-place done
mobilearm@mobilearm: ~ $ python3 final_test1.py
Sent to Arduino: [0, 30, 0, 70, 60, 1]
Input mode (voice/text): text
Enter your command (e.g., 'take red box from shelf A'): shelf a
You entered: shelf a

Target Shelf: 50 cm
Obstacle: 206.64 cm | Traveled: 5.57 cm
Obstacle: 207.04 cm | Traveled: 11.7 cm
Obstacle: 207.5 cm | Traveled: 17.84 cm
Obstacle: 207.08 cm | Traveled: 23.97 cm
Obstacle: 208.32 cm | Traveled: 30.11 cm
Obstacle: 207.51 cm | Traveled: 36.25 cm
Obstacle: 206.64 cm | Traveled: 42.38 cm
Obstacle: 206.63 cm | Traveled: 48.52 cm
Obstacle: 206.33 cm | Traveled: 54.65 cm
Reached shelf at 50 cm
[WARN:0@27.875] global ./modules/videoio/src/cap_gstreamer.cpp (1405) open OpenCV | GStreamer warning: Cannot query video position: status=0, value=-1, duration=-1
Looking for marker ID: 3 (Press 'q' to quit)

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