LAB 5

```
movetheta(theta1, ... theta5) {
    static int stepsfromhome[5] = { 0, s1, s2, s3, s4 }
    Convert Θi -> newstepsfromhome;
```

(0, 90°, 90°, 0, 0) ↓ (dependencies)

```
movrel( newstepsfromhome - stepsfromhome )

stepsfromhome = newstepsfromhome;
```

```
main ()
    init();
    zero();
    movrel( ) ← (0, 90° 90° 0, 0)
                ↑
    while(1) {
        ask for Θ̄
        movetheta(Θ̄)
    }
```

exit ^C

Testing
0 90 90 0 0 shouldn't there
90 90 90 0 0
0 90 90 0 0

Testing

0 90 90 0 0 shouldn't move

90 90 90 0 0

0 90 90 0 0

0 45 90 0 0 ← elbow still at 90

0 45 45 0 0 ← wrist straight out

0 45 45 45 0 wrist pitch 45°

0 45 45 45 45 wrist roll ◻-◻ from tips

0 90 90 0 0