

KLUDGE ARM CODE: GETTING SOMETHING THAT WORKS ALRIGHT

MOTORS -

BASELIFT, ELBOWLIFT, HANDLIFT, BASEROTATION

SENSORS

LIMIT SWITCHES - UPPER & LOWER LIMITS FOR EACH.

VARIABLES

MAX POWER FOREACH.

STRUCT BASIC MOTOR CONTROL

```
int MOTORPORT =  
int MAXPOWER;  
int upperLimitPort  
int lowerLimitPort  
int JoystickControl // for making life easy.  
}
```

FUNCTION MOVE.

```
if (lowerLimit == 0 && upperLimit == 0) {
```

Pink: base rotation motor (2)

Green: Elbow motor (3)

Blue: wrist (4)

Orange: shoulder (5)

Limit Switch

CLAW - ^{motor}6

MIDDLE -

ELBOW QUADRATURE - Top - Dgtl 7 - Bottom - Dgtl 8

LIMITS	LOWER	UPPER
BASE	Dgtl 1	Dgtl 2
ELBOW	Dgtl 3	Dgtl 4
WRIST	Dgtl 5	Dgtl 6

