Instructions

So you have identified that something is not quite right with the **HomePosition()** function, as the robotic arm didn’t move.

In the **Arduino IDE**, navigate to **line 459** in the **YearZeroCodeItYourself.ino.** You should see the **HomePosition()** function, **delete code on line 461**.

Re-write the HomePosition() function to look exactly like below:

This bit should start line 461

void HomePosition()

{

//For each step motor this set up the initial degree

base.write(90);

delay(1500);

shoulder.write(90);

delay(1000);

elbow.write(180);

delay(1000);

wrist\_ver.write(180);

delay(1000);

wrist\_rot.write(90);

delay(1000);

gripper.write(10);

delay(1000);

//Previous step motor position

step\_base = 90;

step\_shoulder = 90;

step\_elbow = 180;

step\_wrist\_ver = 180;

step\_wrist\_rot = 90;

step\_gripper = 10;

Serial.println("In Home position: B90 S90 E180 V180 R90 G10");

}