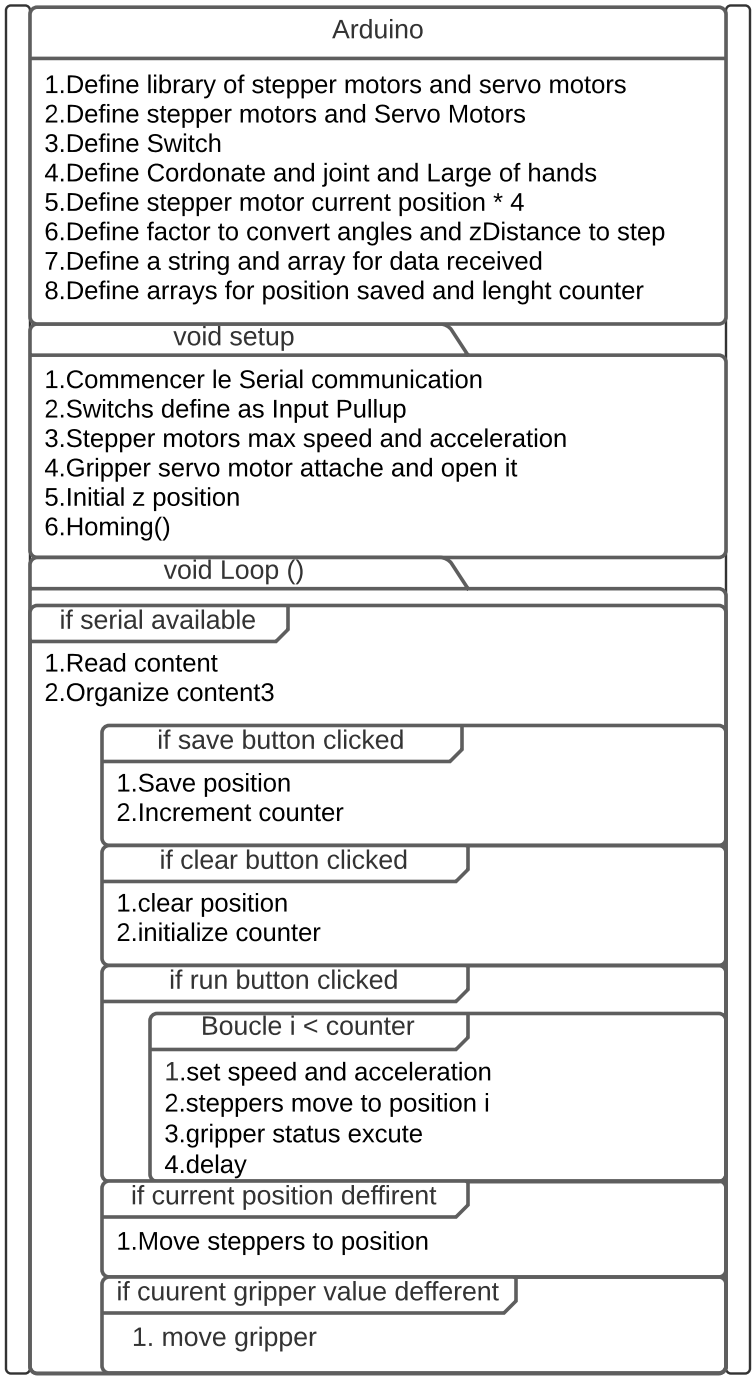
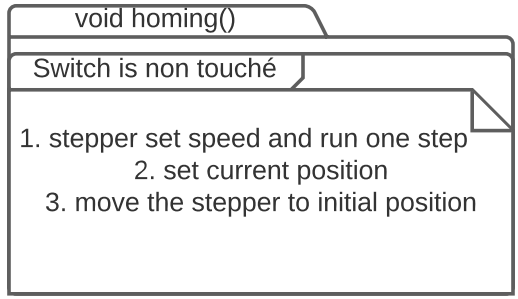

Arduino
1.Define library of stepper motors and servo motors
2.Define stepper motors and Servo Motors
3.Define Switch
4.Define Cordonate and joint and Large of hands
5.Define stepper motor current position * 4
6.Define factor to convert angles and zDistance to step
7.Define a string and array for data received
8.Define arrays for position saved and lenght counter
void setup
1.Commencer le Serial communication
2.Switchs define as Input Pullup
3.Stepper motors max speed and acceleration
4.Gripper servo motor attache and open it
5.Initial z position
6.Homing()
void Loop ()
if serial available
1.Read content
2.Organize content3
if save button clicked
1.Save position
2.Increment counter
if clear button clicked
1.clear position
2.initialize counter
if run button clicked
Boucle i < counter
1.set speed and acceleration
2.steppers move to position i
3.gripper status excute
4.delay
if current position deffirent
1.Move steppers to position
if cuurent gripper value defferent
1. move gripper


void homing()
Switch is non touché
1. stepper set speed and run one step
2. set current position
3. move the stepper to initial position