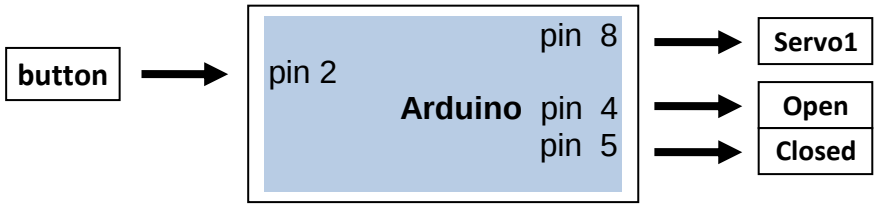
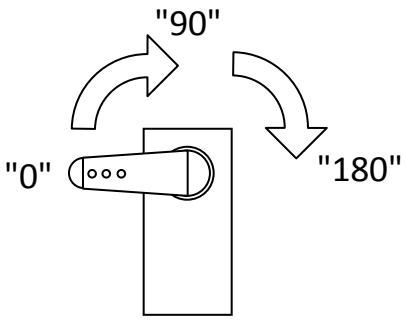
Servo 3

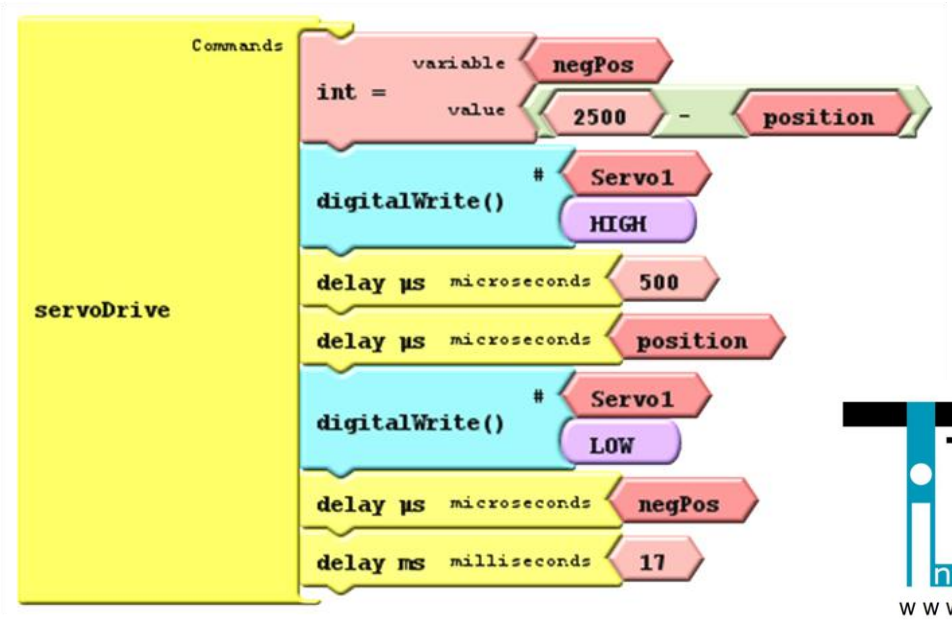
27/8/19





This program drives the servo to predetermined positions when the button is alternately pushed.

Put the drive component of the Servo2 project into a subroutine.
This subroutine will take around 20ms to complete.



The position of the servo horn will be determined by time, so state the two positions in terms of time.
For this project the positions will be
"position1 = 200"
and
"position2 = 1800".

These variables can be changed to fine tune the position of the servo horn.

If the pulse does not repeat enough times, the servo cannot move the horn to the correct position.
If the pulse repeats 50 times, it will take one second (50 x 20ms = 1000ms). That should give the horn enough time to travel to the correct position. The "driveReps" variable determines how many times the pulse repeats.

In this project the "driveReps" is set to 30.