|  |  |
| --- | --- |
|  | void slow\_servo(int port, int start\_position, int end\_position, int change\_of\_ticks) |
|  | { |
|  | enable\_servos(); |
|  |  |
|  | int x=start\_position; //will be used to hold the current position of the servo |
|  |  |
|  | set\_servo\_position(port, start\_position);// connected to port 0 |
|  | msleep(200); |
|  |  |
|  | while(get\_servo\_position(port)< end\_position) |
|  | { |
|  | set\_servo\_position(port,x); |
|  | msleep(5);// this number controls the speed of the servo movement |
|  | x= x + change\_of\_ticks;// servo position moves 1 click with each iteraion of the loop |
|  |  |
|  | } |
|  | } |