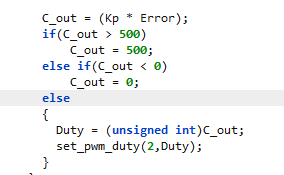
1. Added Integral part. Duty was not going back to 0. Removed else condition.



1. With 0.01 Integral, off set error is still there. For 200 it sits at 186-187. Increased Integral to .05