1. **What gain parameters did you end up using for your PI controller?**
   Ki and Kp = 10, and then we changed the target_rpm to the ranges of 80, 50, 80, and 0.

   - **Describe the response of the system to speed changes.**
     We saw when we had Ki and Kp as smaller, such as 1, there was a delay in speed changes, but when we put it smaller, such as to 10 or 20, it made it instantaneous.