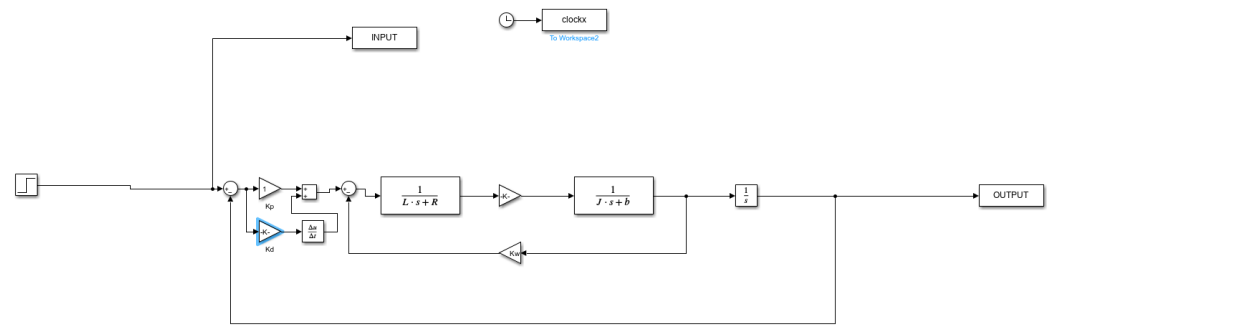# ASSIGNMENT 2
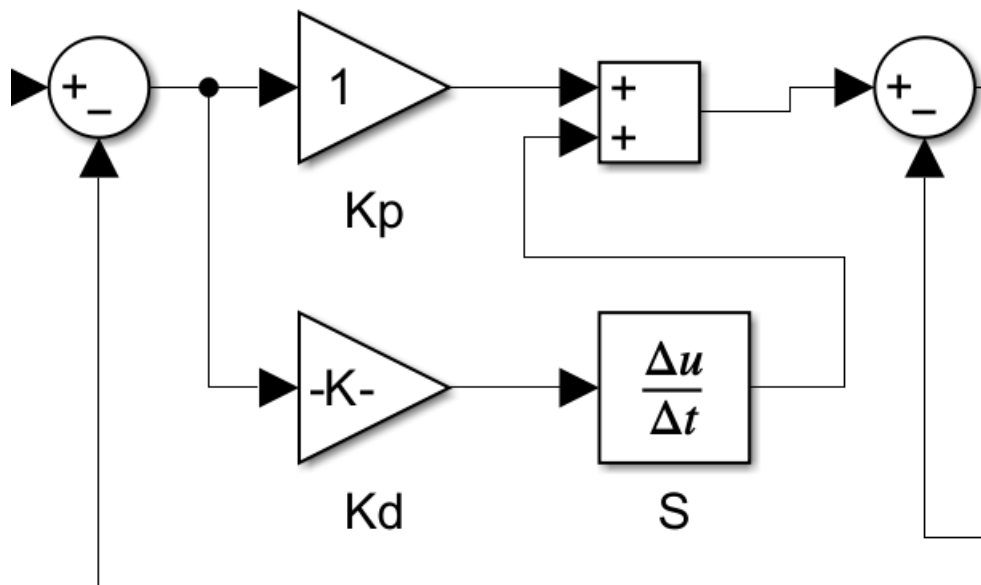
BY VISHRUT CHAWLA

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The Simulink block diagram

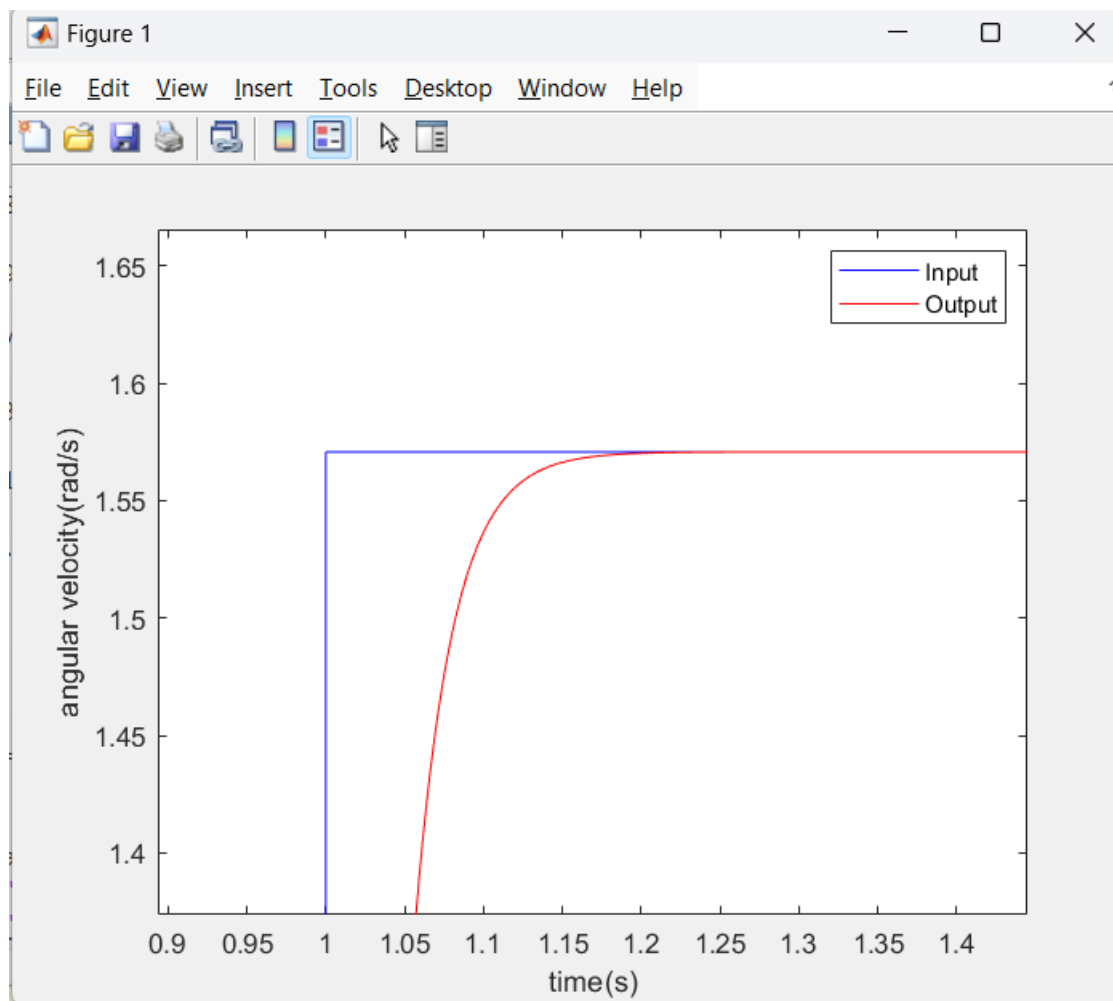

To simulate the PD controller(Kp+KdS)

For values Kp=1

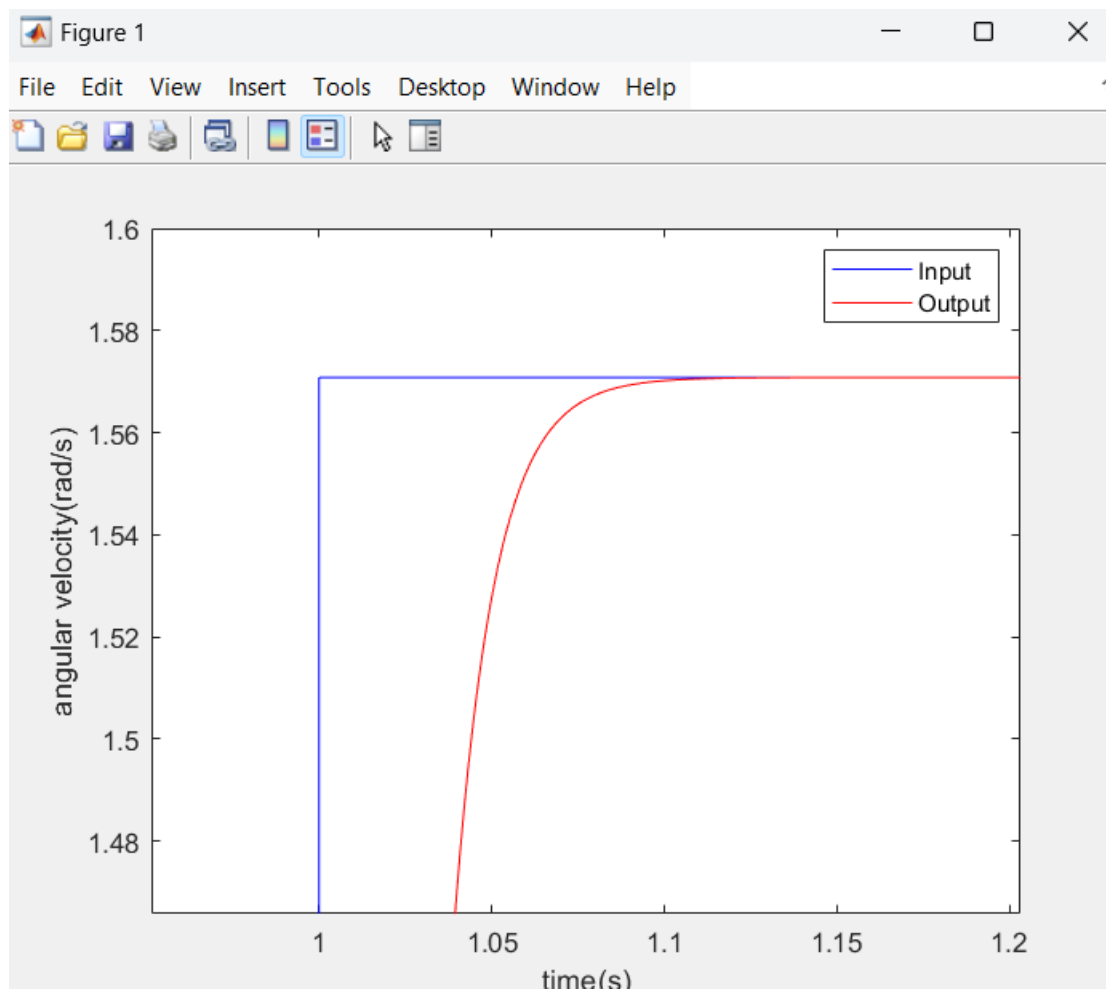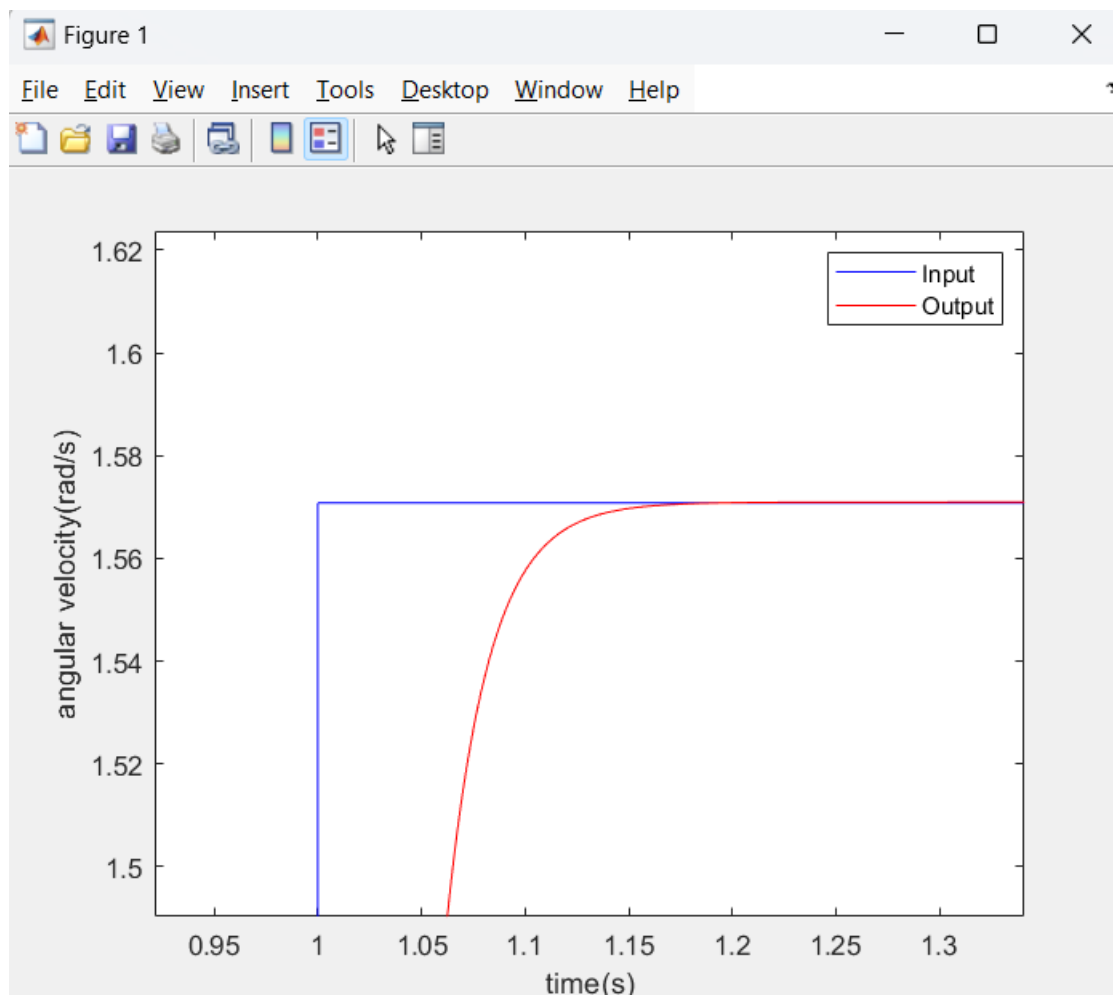**Kd value taken is = 0.000001**

Graph

For Kp=2

Kd=0.005

For Kp=5

Kd=0.08

For Kp=10

Kd=0.22