Recommended Assessment
Balance Control

1. Describe the behavior of the pendulum being balanced and attach your response of the pendulum balancing. The screenshot should include the *Base (deg)* and *Pendulum (deg)* scopes.

2. Do you see differences in the speed at which the base and the pendulum get to the 0 position? Why would this be?

3. What does changing the Constant block in the Simulink diagram do to the system? Attach screenshots of the scopes representing the behaviour.