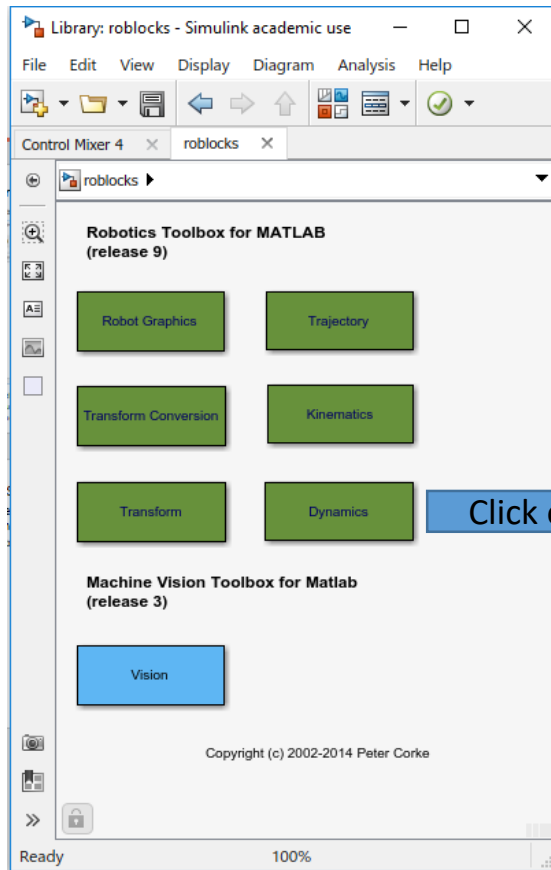
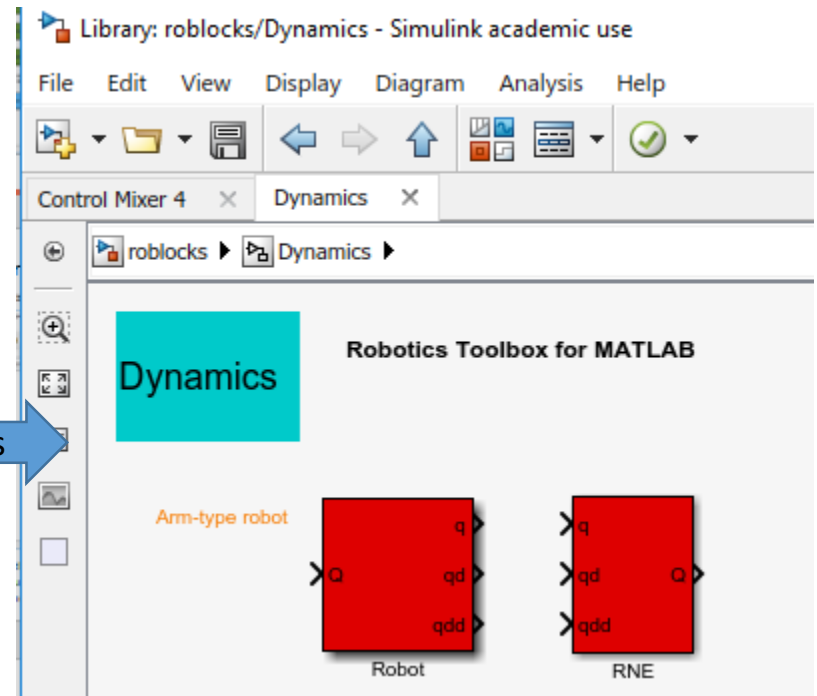


Simulink Blocks In Toolbox

```
>> roblocks
```

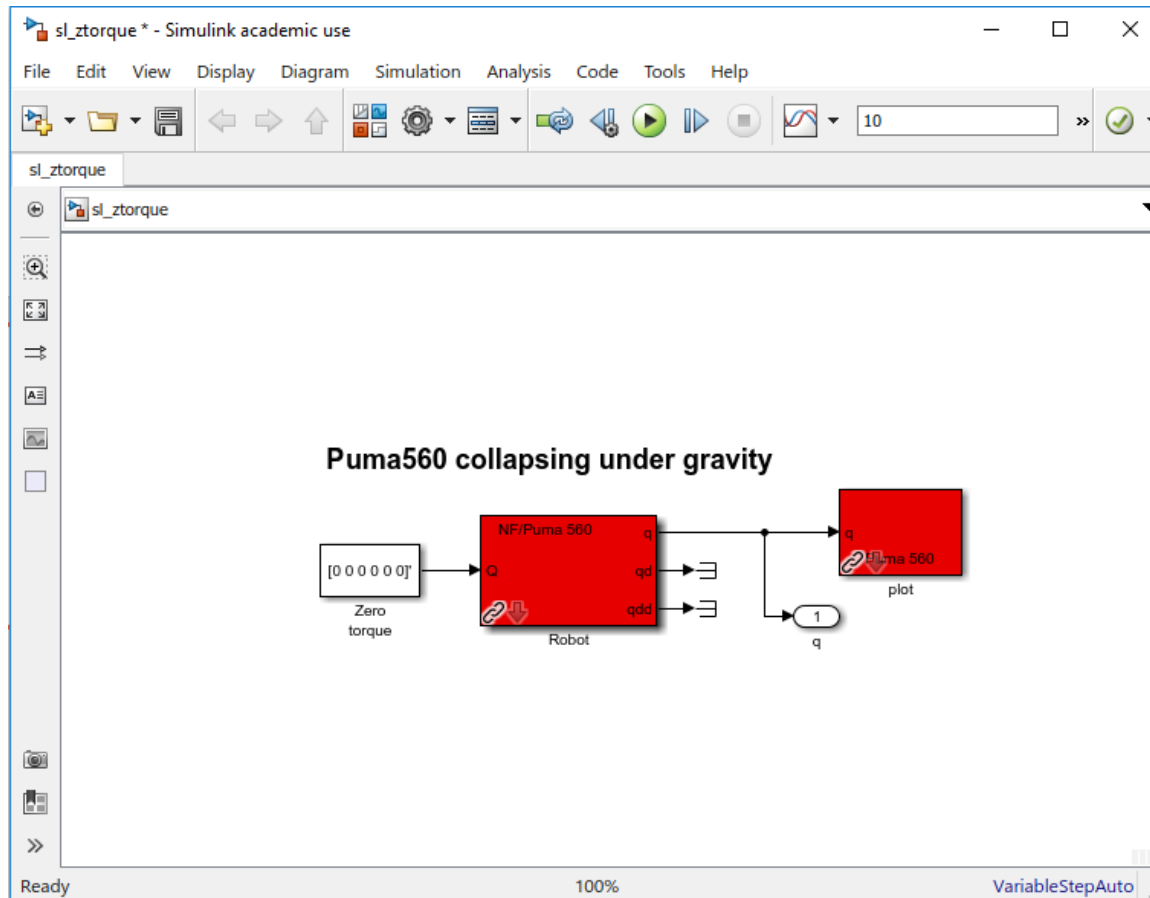


Click on Dynamics



Simulink Robot Numerical Integration Example

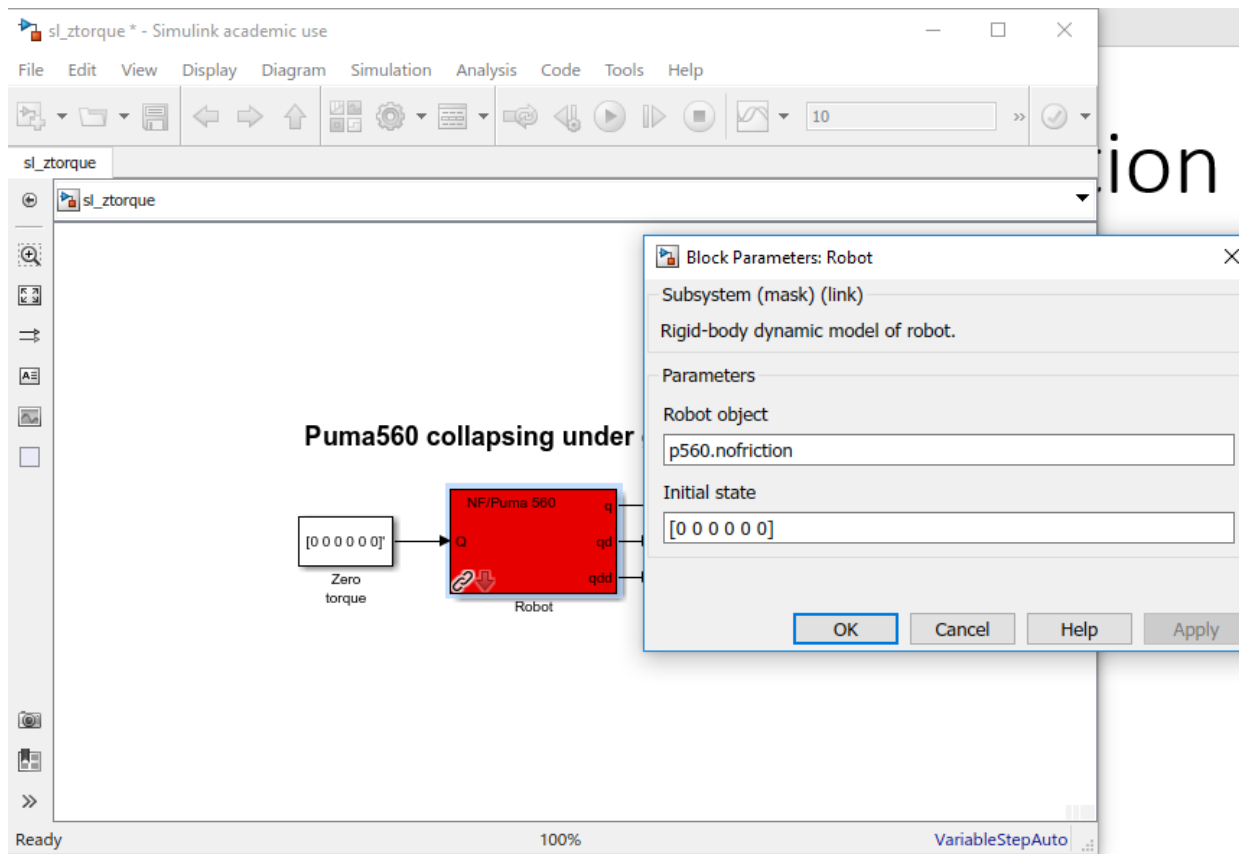
```
>> sl_ztorque
```



- Just hit the play button and watch it go
- To output the results to the workspace, see the files that are posted for the homework

Issues with Numerical Integration

- Can use the “.nofriction” function to ignore Coulomb Friction
 - Double click on robot block



Issues with Numerical Integration

- Otherwise, if want to include Coulomb friction, need to set integration to fixed step
 - Select “Simulation/Model Configuration Parameters”
 - Then select the “solver” pane on the left hand side

