

## ASSIGNMENT2

### MATLAB FILE

- ✓ `commandwindow`
- ✓ `clc`
- ✓ `clear`
- ✓ `close all`
- ✓ `bdclose all`
- ✓ `taup= 1;`
- ✓ `taud= 0.25;`
- ✓ `kpkd=exp(-taud);`
- ✓ `slope= 0.5;`
- ✓ `Uinitial = 15;`
- ✓ `open('Assignmenttwosimulinkfile')`
- ✓ `tysim=sim('Assignmenttwosimulinkfile')`
- ✓ `tsim=tysim.tout`
- ✓ `pressureoutvalues=tysim.pout`
- ✓ `plot(tsim,pressureoutvalues)`
- ✓ `grid on`
- ✓ `grid minor`
- ✓ `xlabel('Time(min)')`
- ✓ `ylabel('pressure')`

### SIMULINK FILE

