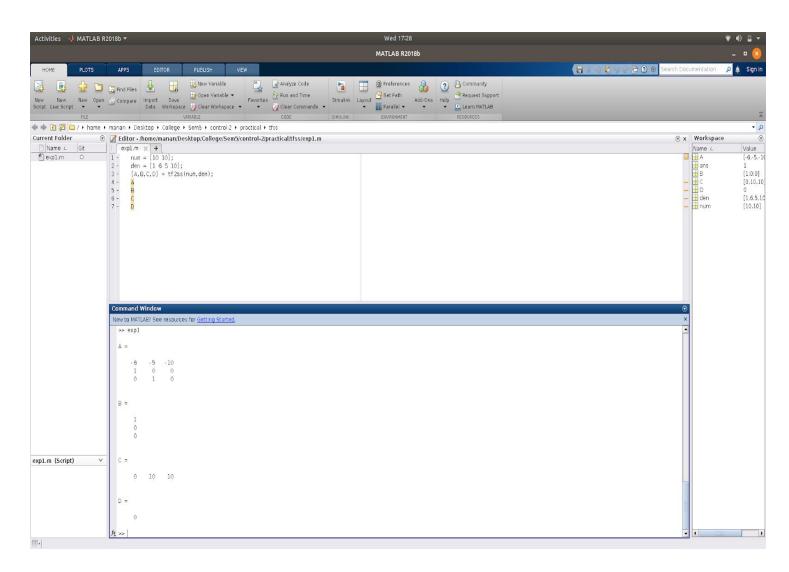
# LAB PRACTICAL FILE:

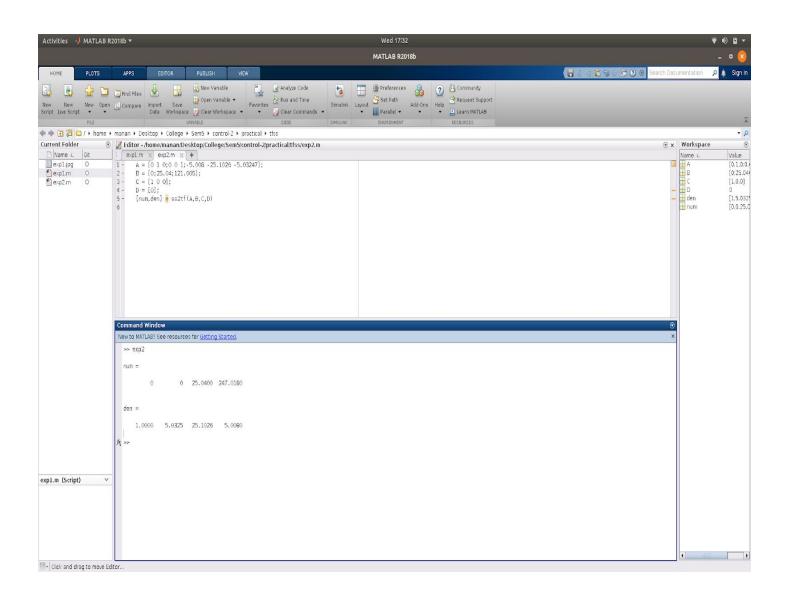
Name: Manan Madan Roll No: 2018UIC3087

# **List of Experiments**

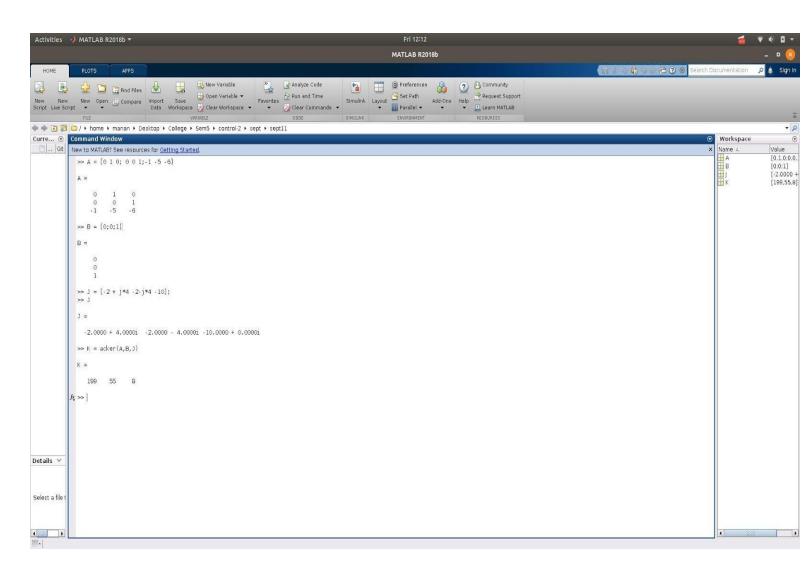
- 1. State Space and Transfer Function
- 2. Pole Placement
- 3. Cruise Control
- 4. DC Motor
- 5. Frequency Design

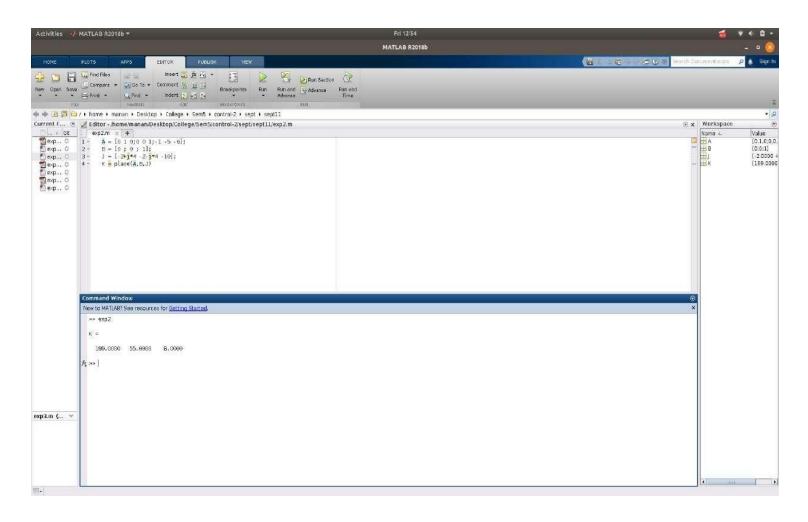
# **STATE SPACE AND TRANSFER FUNCTION:**

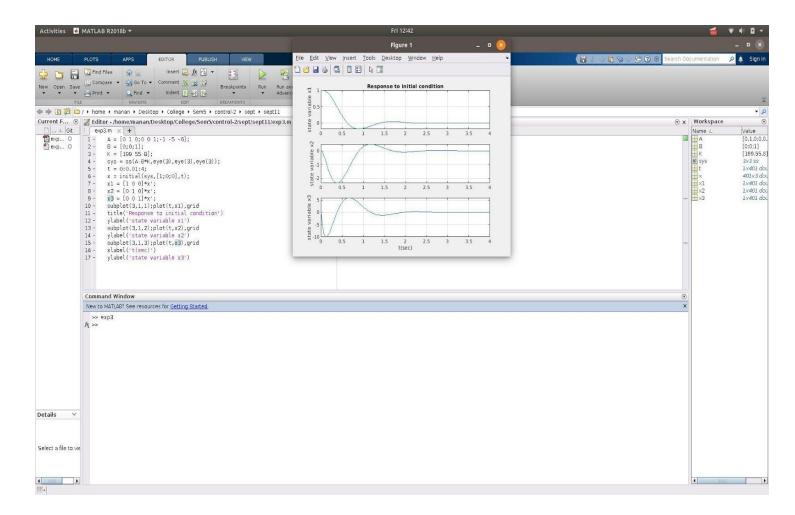


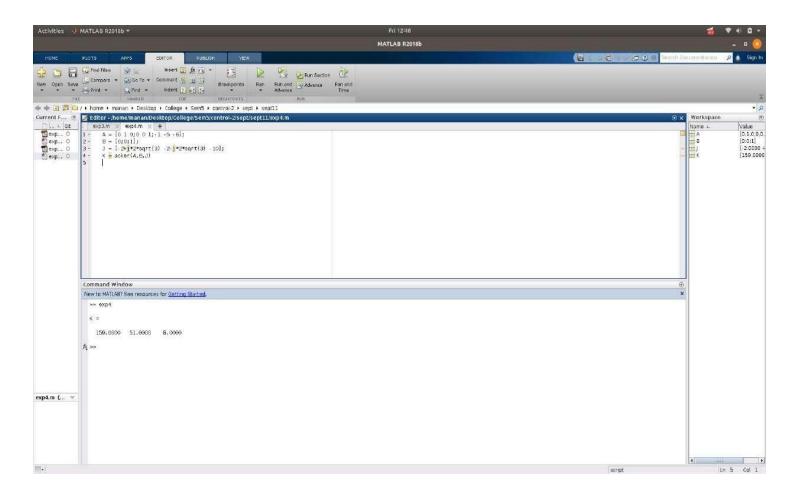


### **POLE PLACEMENT:**

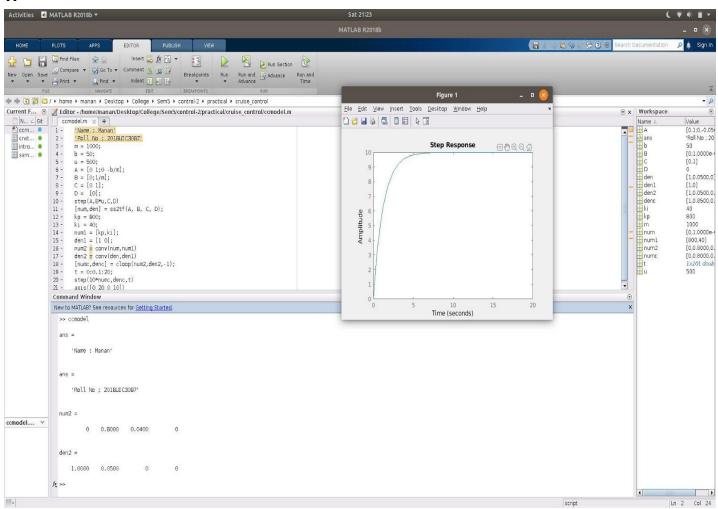


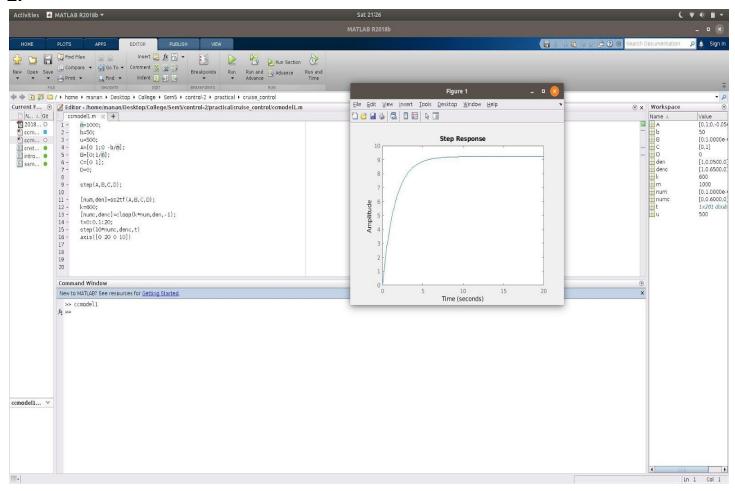




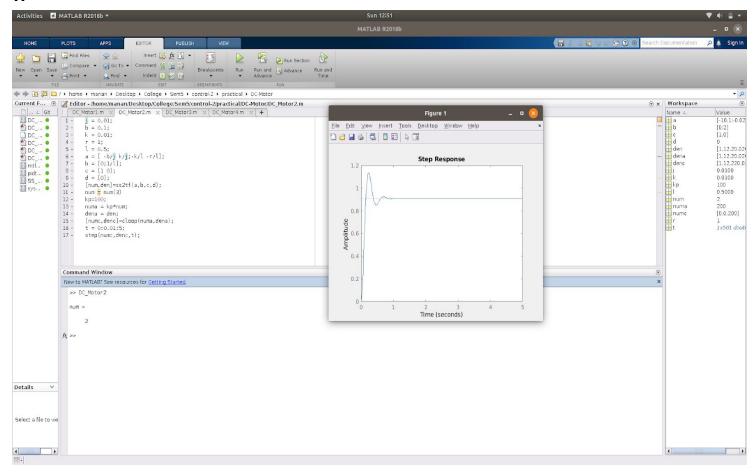


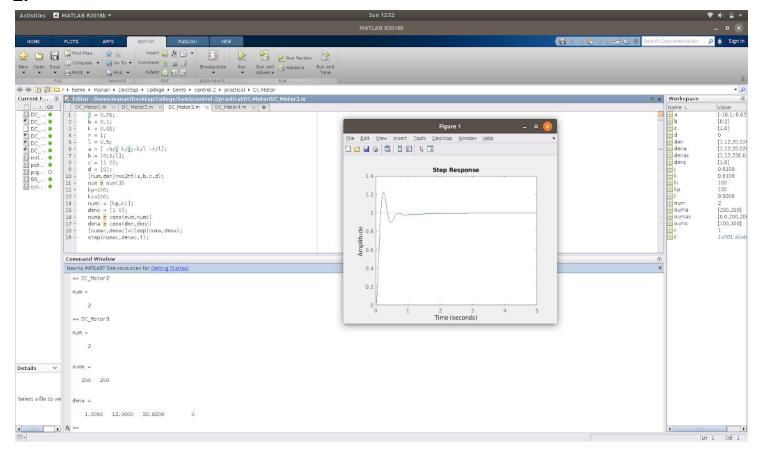
### **CRUISE CONTROL:**

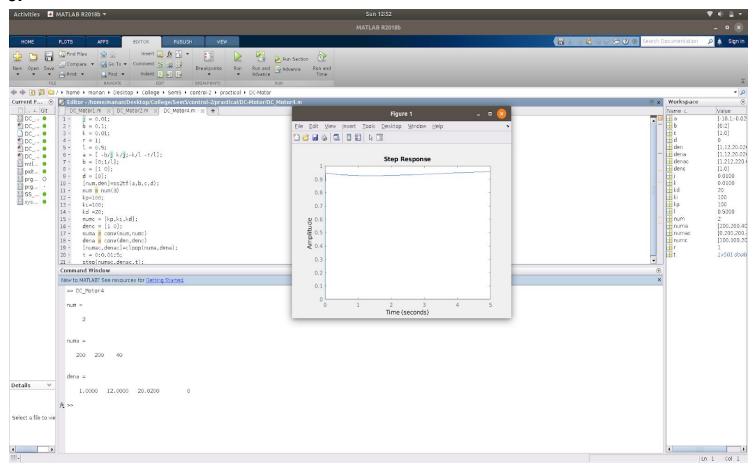




# DC MOTOR:







## **FREQUENCY DESIGN:**

