

# Terminology and Observations

- The result of G\_E is a **triangular** system
- Each row has an 'initial' non-zero entry, the **pivot**
- Below each pivot are all zeros
- Many linear algebra texts allow row exchanges and row multipliers - we do this later, but not now
- A system is **inconsistent** if it has no solutions
- A system is **singular** if it has either no solution or multiple solutions