Read: "To the Student" p. 1-5
CHAPTER 1 p. 6-37

CHAPTER 1 PROBLEMS: 31, 32, 34, 36, 38, 39, 43, 45, 47, 49, 52, 56

These are suggested practice problems to help you review the key concepts in each chapter, they will not be collected.

Answers can be found in the study guide for the textbook.

Chemistry - Molecular Science
Organic Chemistry - The Chemistry of Carbon Compounds

*Why is carbon special?
1. Forms extended chains and rings - diversity and complexity
2. Basis for life processes - proteins, carbohydrates, nucleic acids

Practical Applications
- Food production
- Personal care
- Pharmaceuticals and medicine
- Petroleum chemistry
- Polymers
- Photography
- Paints/dyes/coatings
- Manufacturing
Study of Organic Chemistry

1. Nomenclature
2. Bonding - Structure and Reactivity
3. Reactions
4. Mechanisms
5. Synthesis

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Guest lecturer for the next few lectures