Topics for Exam 1

Basics:
- Identifiers and Variables
- Arithmetic Expressions and Operators
- Assignment Statements: Simultaneous, Multiple
- Augmented Operators
- The `input()` Function
Topics for Exam 1 (cont.)

Data Types:
• Type Conversion and Rounding
• Built-in Functions and Libraries
• Strings and Characters: \texttt{ord()} and \texttt{chr()}
• Booleans: Variables, Expressions, and Operators
• Logical Operators (\texttt{and}, \texttt{or}, \texttt{not})

Conditional Statements:
• \texttt{if}, \texttt{elif}, \texttt{else}
• Nested \texttt{if}
• Conditional Expressions (value if condition else value)
Topics for Exam 1 (cont.)

Generalized Operator Precedence

Loops:
• for, while
• range() Function
• Accumulator Pattern
• User Confirmation Pattern and Sentinel Values
• Nested Loops; break and continue
Topics for Exam 1 (cont.)

Object/Method Notation

- `upper()`, `lower()`, and `strip()`

Formatting:

- `format()`
- **Format Specifiers:** `f`, `e`, `%`, `d`, `x`, `o`, `b`, `s`, `<`, `>`, `center()`

Functions will be covered on Exam 2.