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: `ord()` and `chr()`
• Booleans: Variables, Expressions, and Operators
• Logical Operators (`and`, `or`, `not`)

Conditional Statements:
• `if`, `elif`, `else`
• Nested `if`
• Conditional Expressions (`value if condition else value`)
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.