Lecture 5 Outline

- 1. Formatting text for tabular output
- 2. Conditional execution using the if, if-else, and if-elif-else statements
- Boolean type and constants (True, False)
- comparison operators: <, >, ==, <=. >=, !=
- logical operators: not, and, or
- operator precedence of arithmetic, comparison, and logical operations
- short-circuit evaluation
- 3. Conditional-iteration loop using the while statement
- while syntax, and semantics via a flow chart
- examples: sentinel controlled average with priming read
- examples: sentinel controlled average using infinite loop and break statement
- 4. random.randint function
- examples: dice simulation