

Zelle 3e

Chapter 9

Highlights

- Functions in the Python random module can be used to produce pseudorandom values:
 - `random.random()`
 - `random.randrange()`
 - `random.randint()`
- Simulation and games are covered as an introduction to more complex programs:
 - Program Design using pseudocode
 - Program design using module hierarchy charts
 - Factoring your solution code into well-chosen functions with explicit interfaces
 - Writing and testing code using a top-down approach
 - Writing and testing code using a prototyping – Spiral approach
 - Taking an agile approach to design and implementation
 - Always remembering to check code for refactoring opportunities before submitting your work.