

Overview of Week 5

#	DATE	<i>20 vid.</i> LECTURES	IPAD NOTES	STUDY MATERIALS
5	WED, Oct 14 to Oct, Oct 20	<ul style="list-style-type: none"> ▶ Playlist for Week 5 (≈ 1.8 hours) • Lecture 5 - Part 1: Expanded Types for Compositions • Lecture 5 - Part 2: Sharing via Inheritance (w.r.t. SCP and Cohesion) • Lecture 5 - Part 3: Once Routines vs. Static Methods • Lecture 5 - Part 4: Export Status • Lecture 5 - Part 5: Singleton Design Pattern 	<ul style="list-style-type: none"> INTRO PRE POST 	<ul style="list-style-type: none"> • <u>Required Tutorials</u> <ul style="list-style-type: none"> • <u>The Eiffel Testing Framework</u> • <u>Slides</u> <ul style="list-style-type: none"> ▪ Lecture 5: Singleton Design Pattern ▪ Lecture 5: Singleton Design Pattern [4-up] • <u>Questions?</u> <ul style="list-style-type: none"> → ▪ <u>Post Your Questions in this Document.</u> • <u>Diagrams</u> <ul style="list-style-type: none"> ▪ Design Diagram: Singleton Pattern • <u>Source Code</u> <ul style="list-style-type: none"> → ▪ Use of <u>Expanded Classes</u>

Learning Objectives of Week 5

- Expanded Types *expanded* → *Compositional*
- Sharing via Inheritance
- once Routines
- Export Status
- Singleton Design Pattern

Milestones of Week 5

- Study ETF Tutorial Videos
- Start **Lab3**
- Start **Lecture Series W5**