

Overview of Week 6

2-3h
2-3h
≤ 3 hours.

#	DATE	LECTURES	IPAD NOTES	STUDY MATERIALS
6	WED, Oct 21 to TUE, Oct 27	<ul style="list-style-type: none">▶ Playlist for Week 6 (≈ 2.5 hours)Lecture 6 - Part 0: Introduction and Overview of Week 6Lecture 6 - Part 1: Abstract User Interface (UI)Lecture 6 - Part 2: Abstract States, Acceptance TestsLecture 6 - Part 3: ETF - Abstract UI, Model, Regression TestsLecture 7 - Part 1: A Motivating Problem (SMS)Lecture 7 - Part 2: 1st Design Attempt without InheritanceLecture 7 - Part 3: 2nd Design Attempt without InheritanceLecture 7 - Part 4: Using Inheritance for Code Reuse	<ul style="list-style-type: none">INTROPREPOST	<ul style="list-style-type: none">• Required Tutorials<ul style="list-style-type: none">• The Eiffel Testing Framework• Slides<ul style="list-style-type: none">• Lecture 6: ETF - Acceptance and Regression Testing• Lecture 6: ETF - Acceptance and Regression Testing [4up]• Lecture 7: Inheritance• Lecture 7: Inheritance [4up]• Questions?<ul style="list-style-type: none">• Post Your Questions in this Document.• Source Code<ul style="list-style-type: none">• Bad Design without Inheritance• Good Design with Inheritance

Learning Objectives of Week 6

- Abstract UI
- Abstract State
- Acceptance Test vs. Unit Test
- ETF: Commands vs. singleton Model
- Two Design Attempts without Inheritance
- Inheritance for Code Reuse

Milestones of Week 6

- Study ETF Tutorial Videos
- Work on Lab3
- Complete Quiz5
- Start Lecture Series W6