**Session 17:**

Designing Classes

**Concepts:**

Designing classes: coupling and cohesion.

Static methods

The main method

The class library, collections

Enum

Switch

Refactoring

**Intended Learning Outcome:**

Know some principles of good design

Can refactor code to avoid code duplication

Can explain and use low coupling and high cohesion

Can explain and implement encapsulation and information hiding

Can create and use an Enum

Can use a switch statement

**Literature:**

BlueJ:

chapter 6.15 + 6.16.

chapter 8