

## Day 7 Lesson Plan

### Activity 1:

- Single Responsibility Principle<sup>1</sup>
- SRP Practice: The Mastermind case study<sup>2</sup>

### Activity 2:

- The Open-Closed Principle<sup>3</sup>
- Handout<sup>4</sup>

### Lunch

### Activity 3:

- Liskov Substitution Principle<sup>5</sup>

### Activity 4:

- Interface Segregation Principle<sup>6</sup>

### Activity 5:

- Dependency Inversion Principle<sup>7</sup>

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<sup>1</sup> [../activities/activity6-4srp.html](#)

<sup>2</sup> [../activities/activity6-5mastermind.html](#)

<sup>3</sup> [../activities/activity7-1openClosed.html](#)

<sup>4</sup> [../activities/activity7-1umlHandout.html](#)

<sup>5</sup> [../activities/activity7-2liskov.html](#)

<sup>6</sup> [../activities/activity7-3isp.html](#)

<sup>7</sup> [../activities/activity7-4dependencyInversion.html](#)