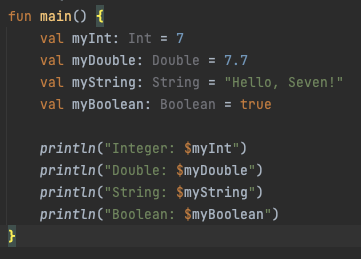
**Assignment 1, Mobile Development**

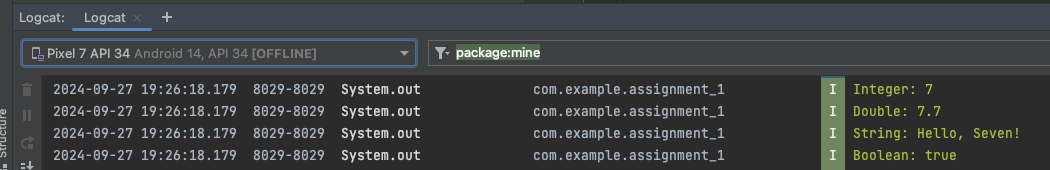
**Madi Khassenov, 23MD0450**

**Exercise 1: Kotlin Syntax Basics**

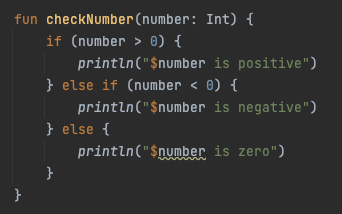
**1. Variables and Data Types:**



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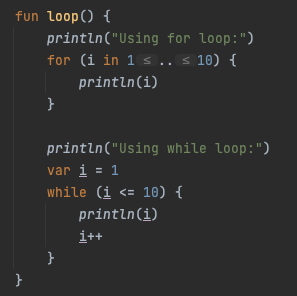
**2. Conditional Statements:**



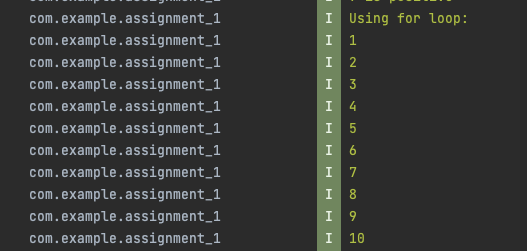
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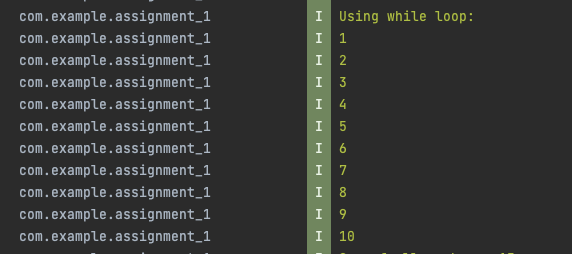


**3. Loops:**

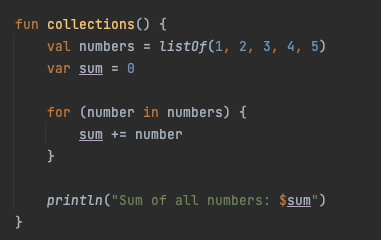


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4. **Collections:**

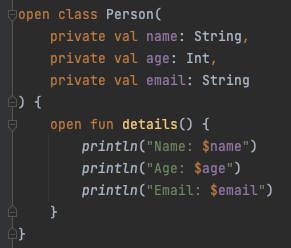




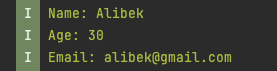


**Exercise 2: Kotlin OOP (Object-Oriented Programming)**

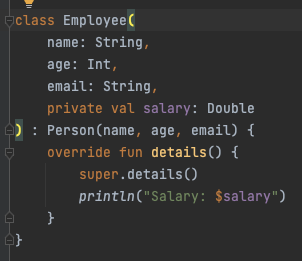
**1. Create a Person class:**



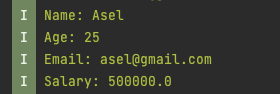
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**2. Inheritance:**

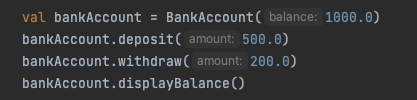


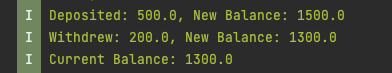
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**3. Encapsulation:**

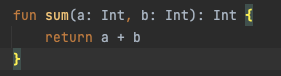


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**Exercise 3: Kotlin Functions**

**1. Basic Function:**



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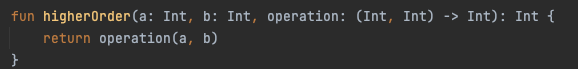
**2. Lambda Functions:**



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**3. Higher-Order Functions:**

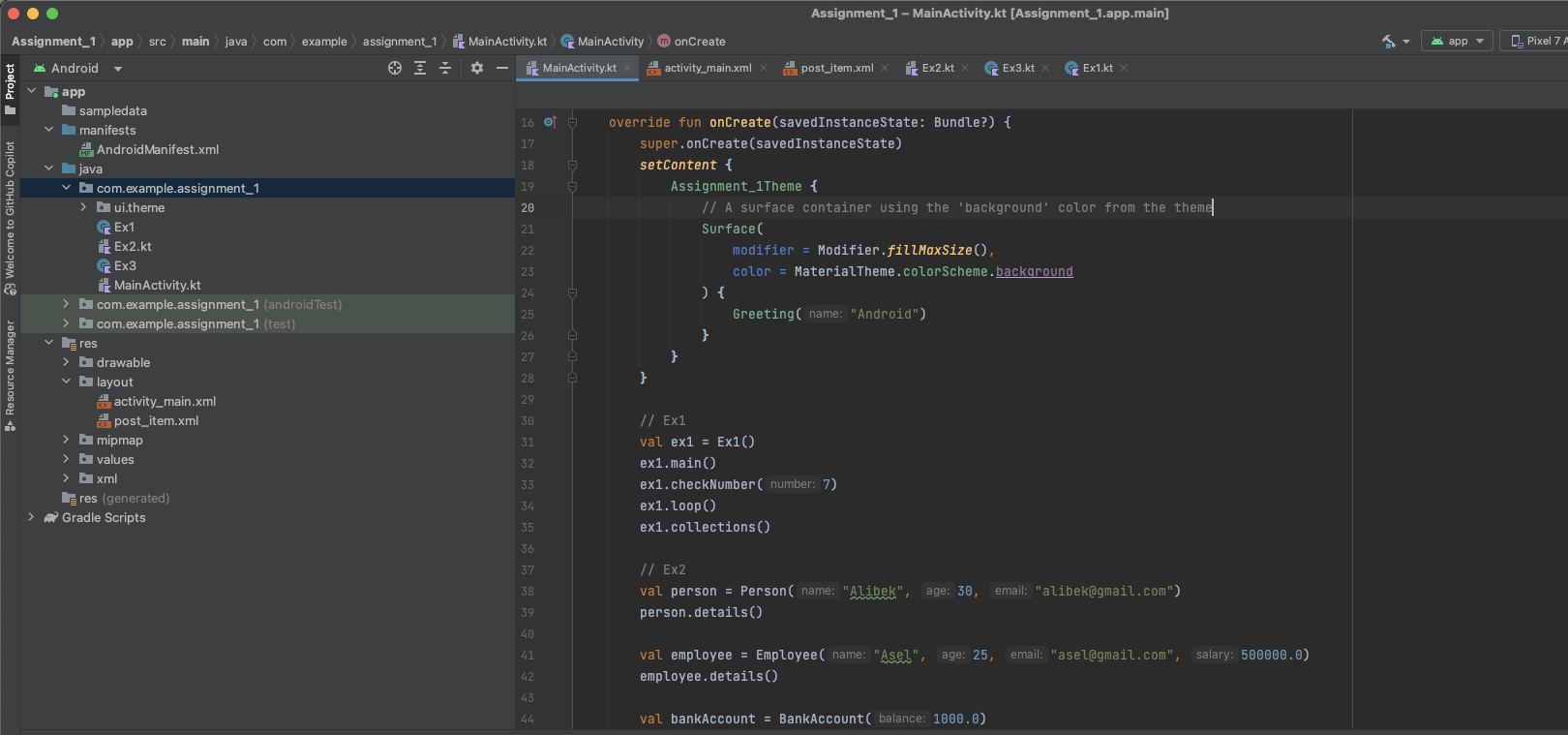




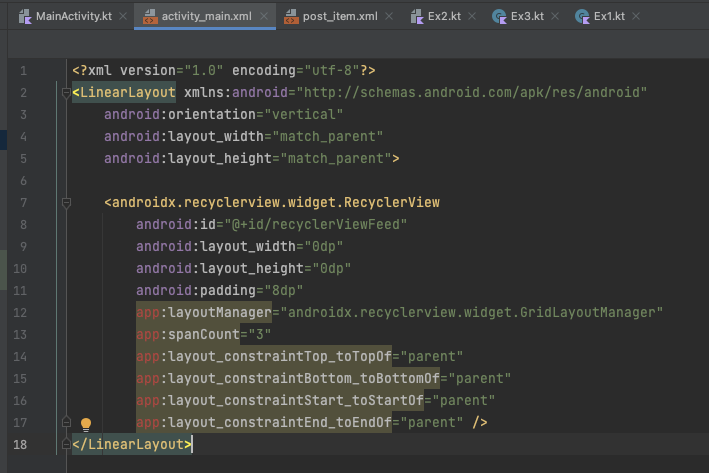


**Exercise 4: Android Layout in Kotlin (Instagram-like Layout)**

**1. Set Up the Android Project:**

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**2. Design the Layout:**

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