**Exercise 1:**

A screenshot of a computer

Description automatically generated

Summary:

1. The **Drawing** class has dependencies on the **Line, Polygon,** and **Point** classes.
2. Both **Line** and **Polygon** classes exhibit composition relationships, with **Line** being composed of **Point** objects and **Polygon** being composed of **Line** objects, indicating strong ownership and lifecycle dependencies between them.

**Exercise 2:**

A screenshot of a computer

Description automatically generated

**Exercise 3:**

A diagram of a computer

Description automatically generated with medium confidence

Summary:

1. **InventoryManager** has dependencies on **FileHandler, Tool, Supplier,** and **OrderLine.**
2. **InventoryManager** has an aggregation relationship with **Tool, Supplier,** and **OrderLine**, implying a weaker association without strict ownership.
3. Each **Tool** is associated with one **Supplier**, but a **Supplier** can be associated with many **Tools**.
4. An **OrderLine** is composed of multiple **Order** objects, indicating strong ownership.
5. Each **Order** is associated with many **Items**, but each **Item** is associated with only one **Order**.

**Exercise 4:**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer program

Description automatically generated**