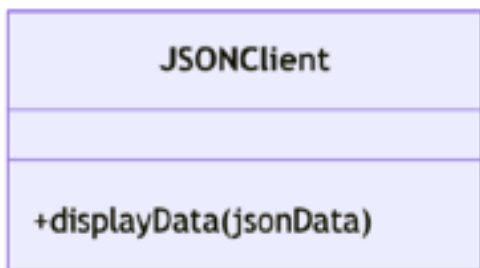
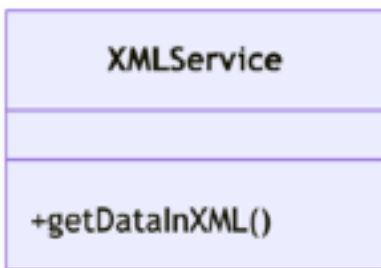
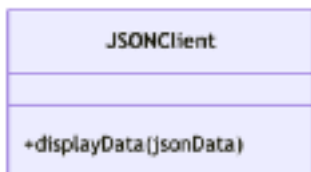
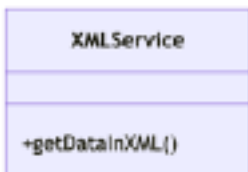


Step 1: Define Incompatible Service and Client Classes



- Let's start by defining two incompatible classes:
 1. A **Service class** that provides data in XML format.
 2. A **Client class** that requires data in JSON format.

Step 2: Define the Client Interface



- We'll define a Client Interface to specify the method `getData` that all clients will use to retrieve data in JSON format. This ensures that the client and the adapter can communicate seamlessly.