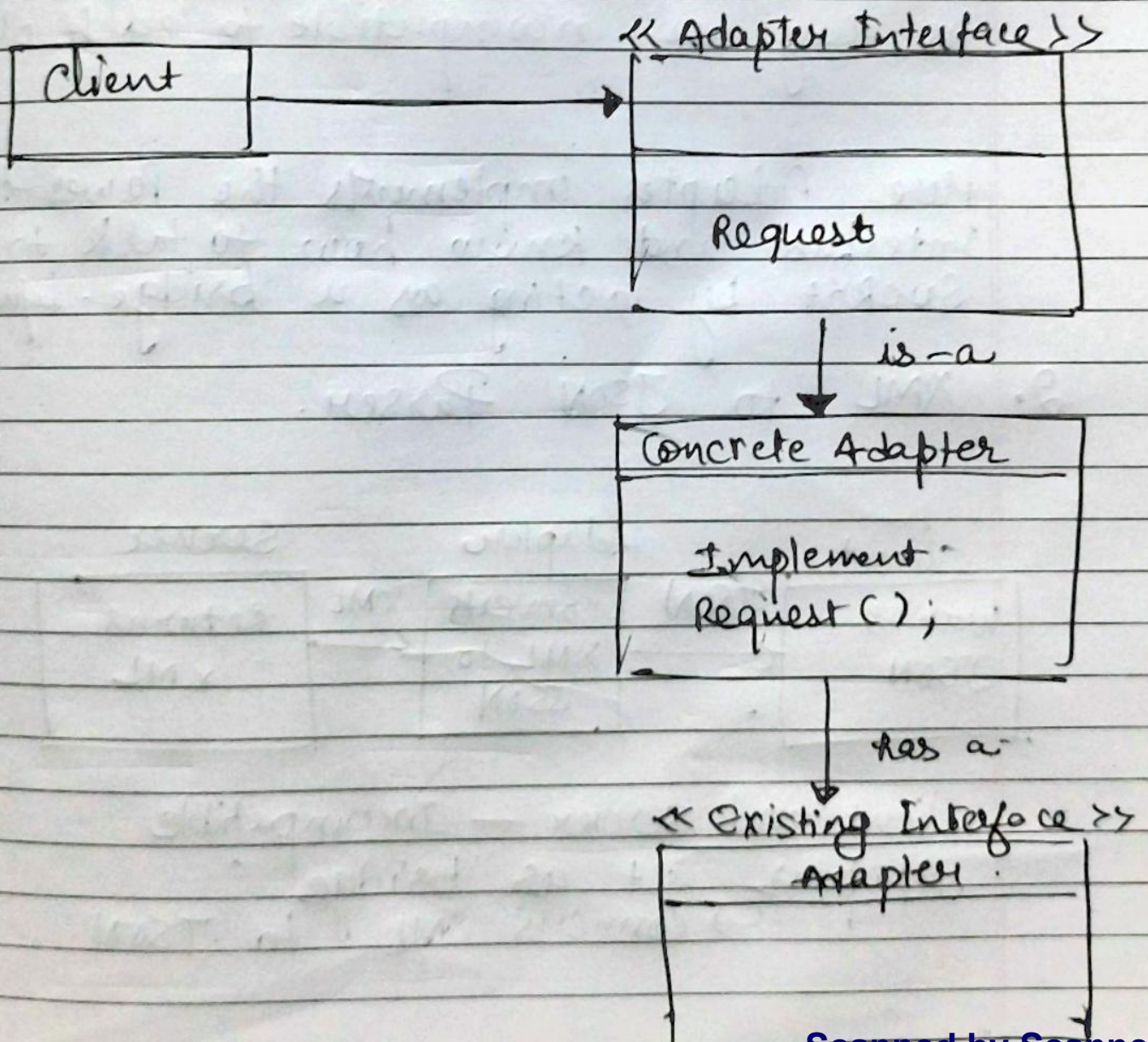
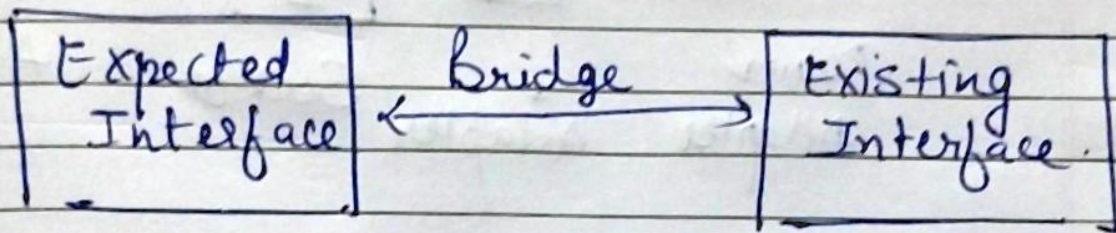


# Adapter Design Pattern

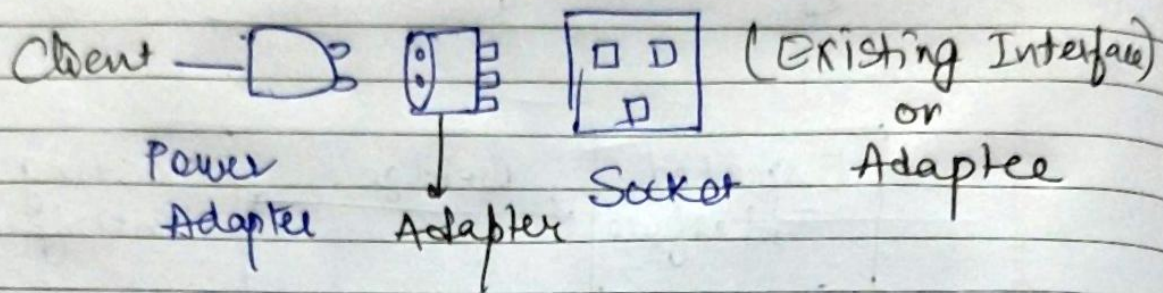
Adapter design Pattern is a bridge between existing Interface and Expected Interface.





## ● Examples of Adapter design Pattern

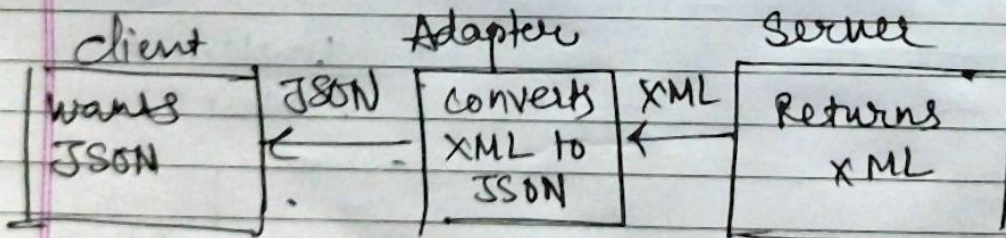
### 1. Power Adapter and Socket



Here client can not use EXISTING Interface as they are incompatible to each other.

Here Adapter implements the Power Adapter Interface and know how to talk to the Socket by acting as a bridge b/w them.

### 2. XML to JSON Parser.



Client and server — Incompatible  
Adapter act as bridge  
↳ connects XML to JSON



### 3. Weight Machine

