

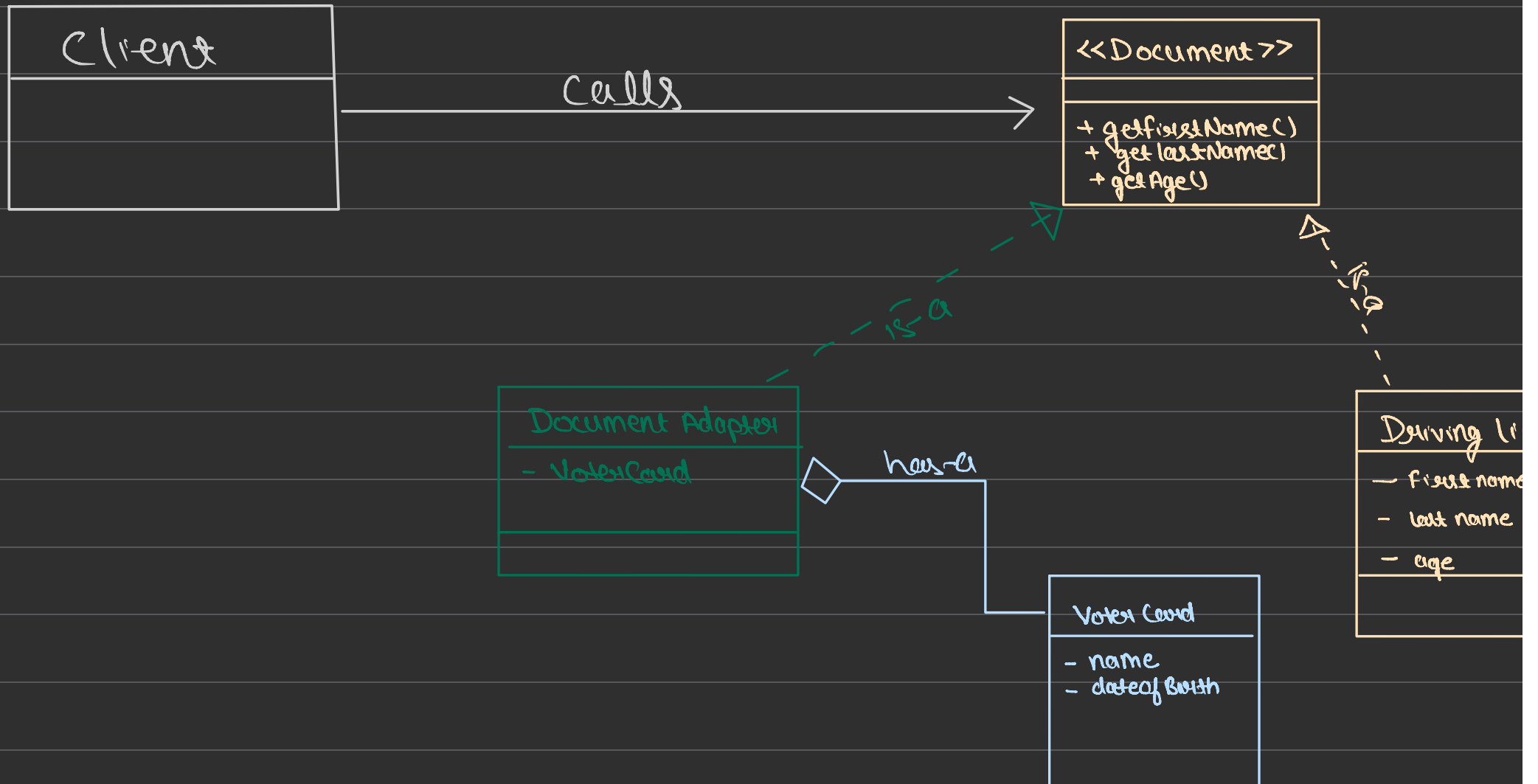
# Adapter design pattern

## Structural design pattern

- Converts the interface of a class into another interface that a client wants
- Example - Document adapter  
let say we have multiple documents eg  
Driving licence, voter card.

we can have adapter for voter card, so that client can communicate in a general way to both the documents.

# Class diagram



## Good examples

### ① Phone charging example

- Phone has lightning port.
- But you have C type charging cable
- Need lightning to C type ADAPTER



## ② Power adapter



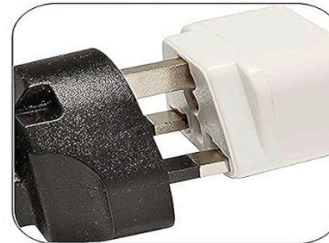
USE WITH ANY PLUG



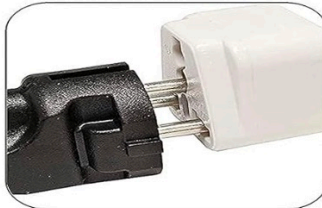
INDIA TYPE - D



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