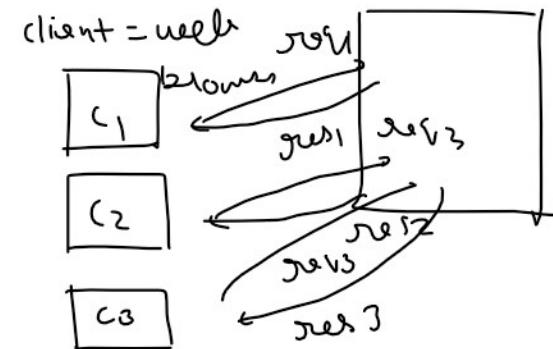
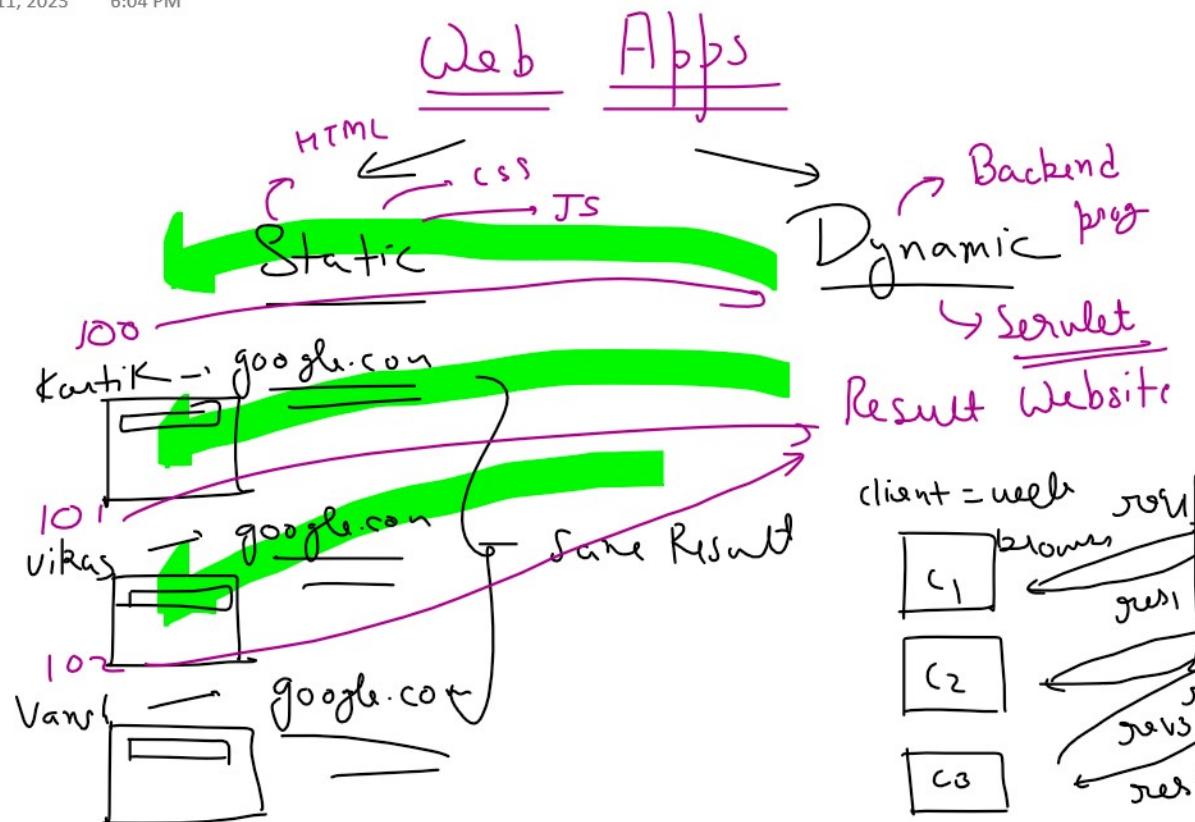
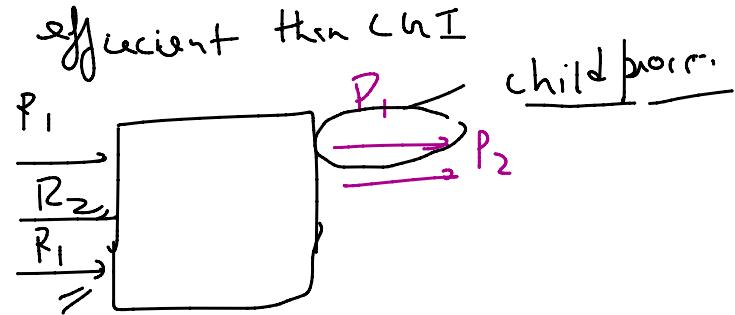
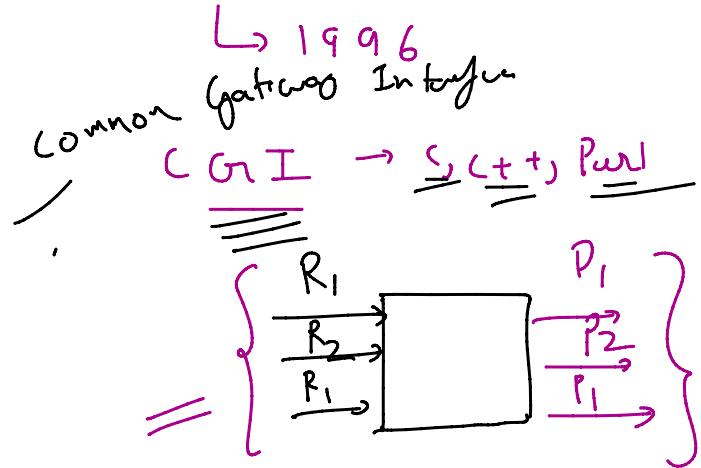


# Servlets

Friday, August 11, 2023 6:04 PM



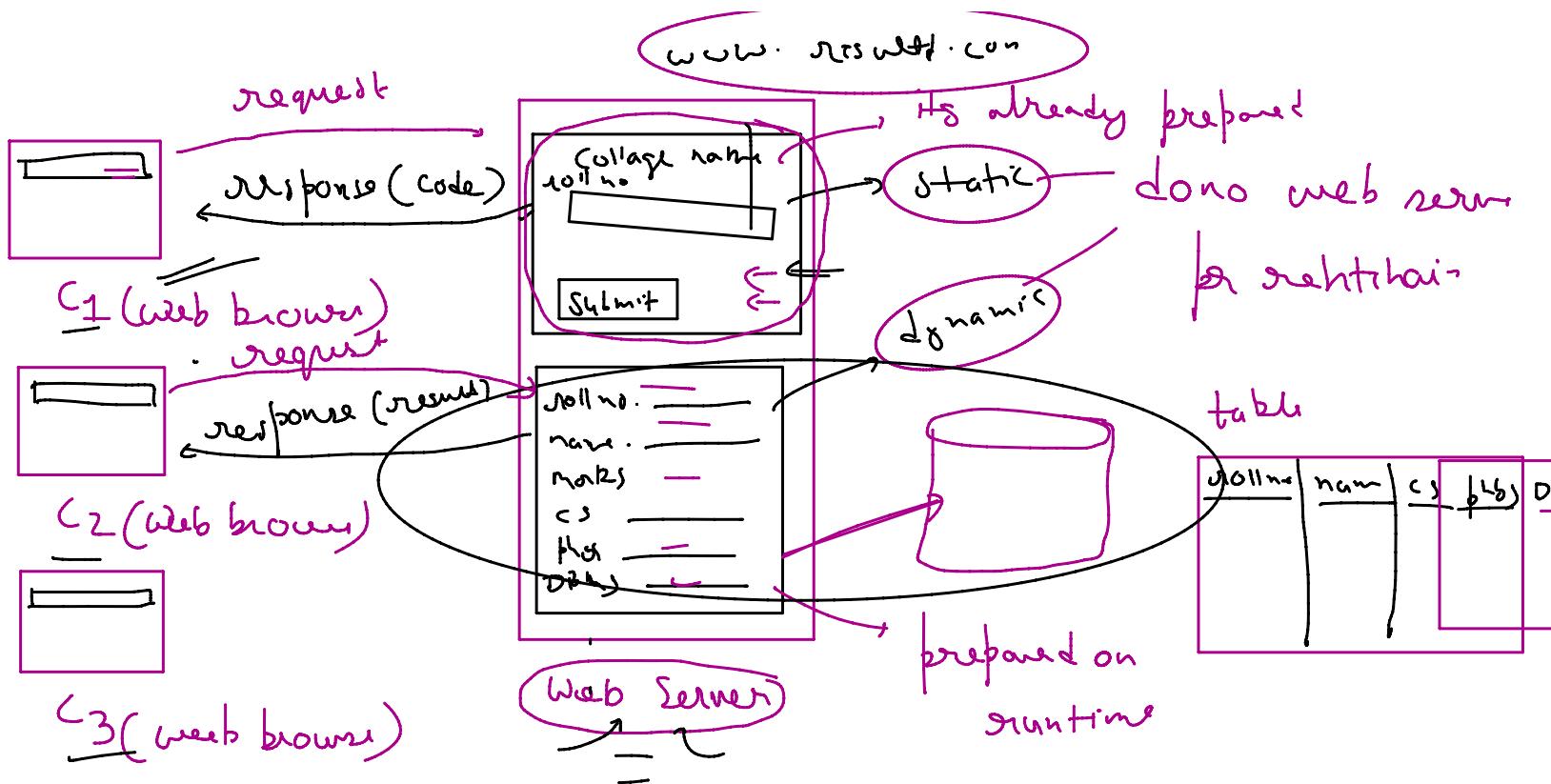
~~Servlet~~ → Is a Specification to build dynamic web Apps using JAVA



named

www.result.com

1 2 3 4 5 6 7 8 9



Static web page

Code own  
client



Dynamic web page

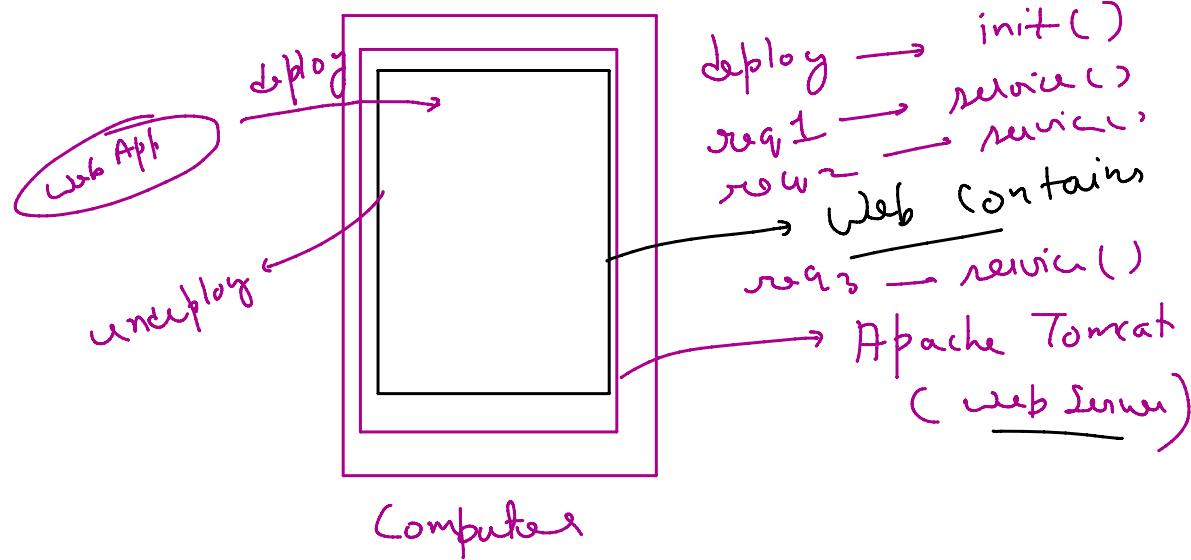
code run  
Web Serv

web brow

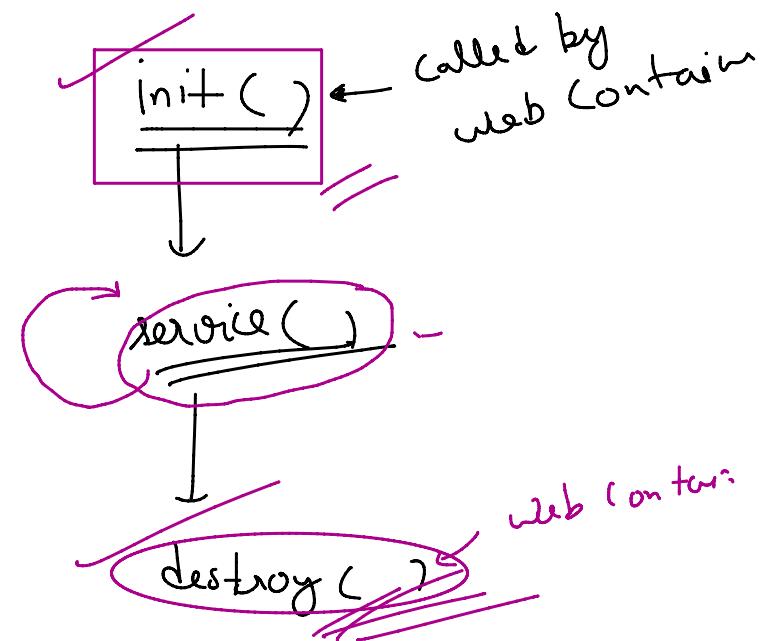
Servlet( request - response , mechanism)

HTTP

. [ ] ... → init()



Servlet Lifecycle



Servlet → Interface (API)

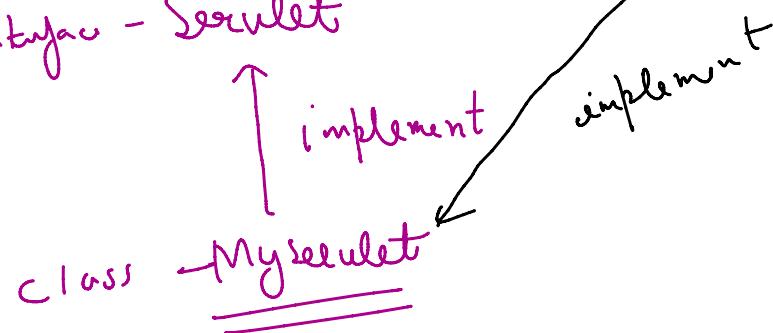
Interface (Blueprint) → Implement  
Specification

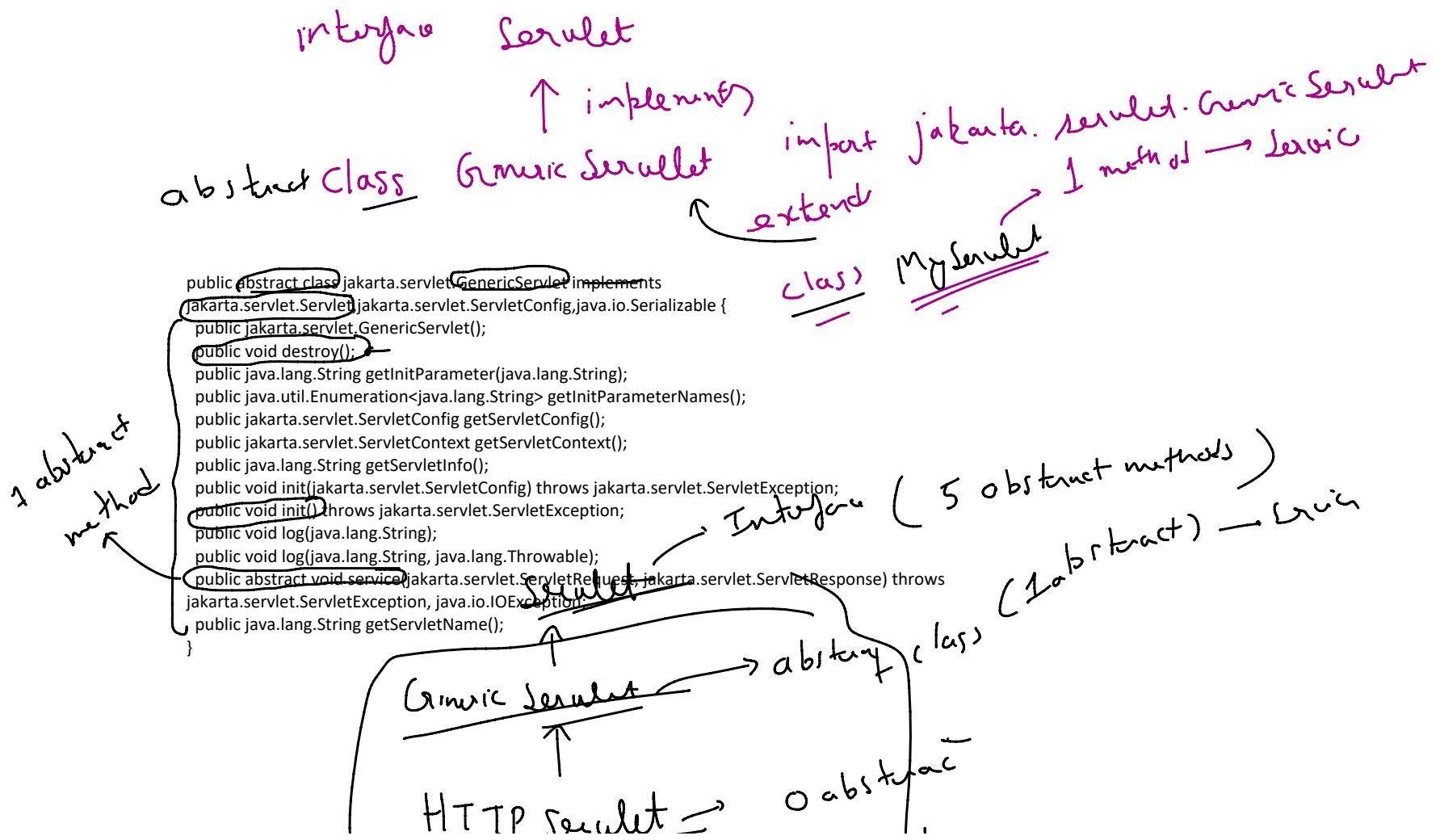
Import jakarta.servlet.Servlet

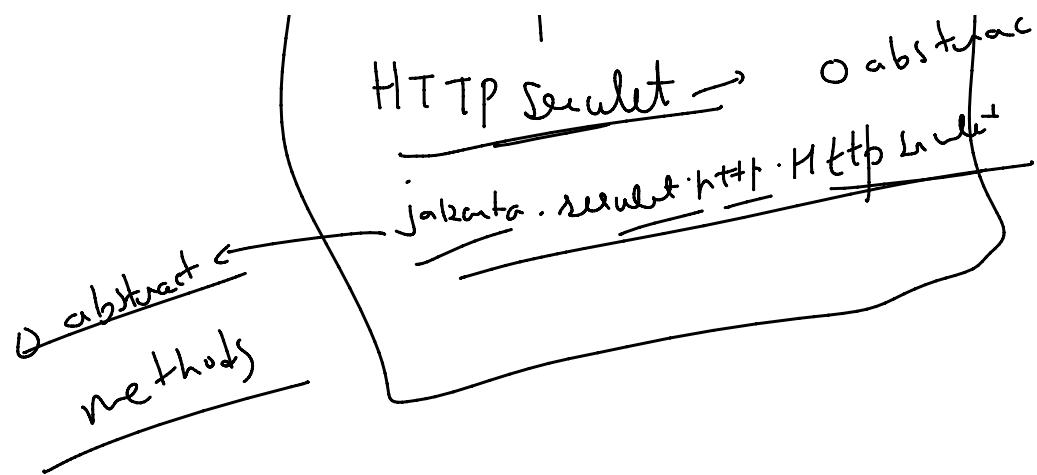
```
public interface jakarta.servlet.Servlet {  
    public abstract void init(jakarta.servlet.ServletConfig) throws jakarta.servlet.ServletException;  
    public abstract jakarta.servlet.ServletConfig getServletConfig();  
    public abstract void service(jakarta.servlet.ServletRequest, jakarta.servlet.ServletResponse) throws  
jakarta.servlet.ServletException, java.io.IOException;  
    public abstract java.lang.String getServletInfo();  
    public abstract void destroy();  
}
```

5 abstract method

Interface - Servlet



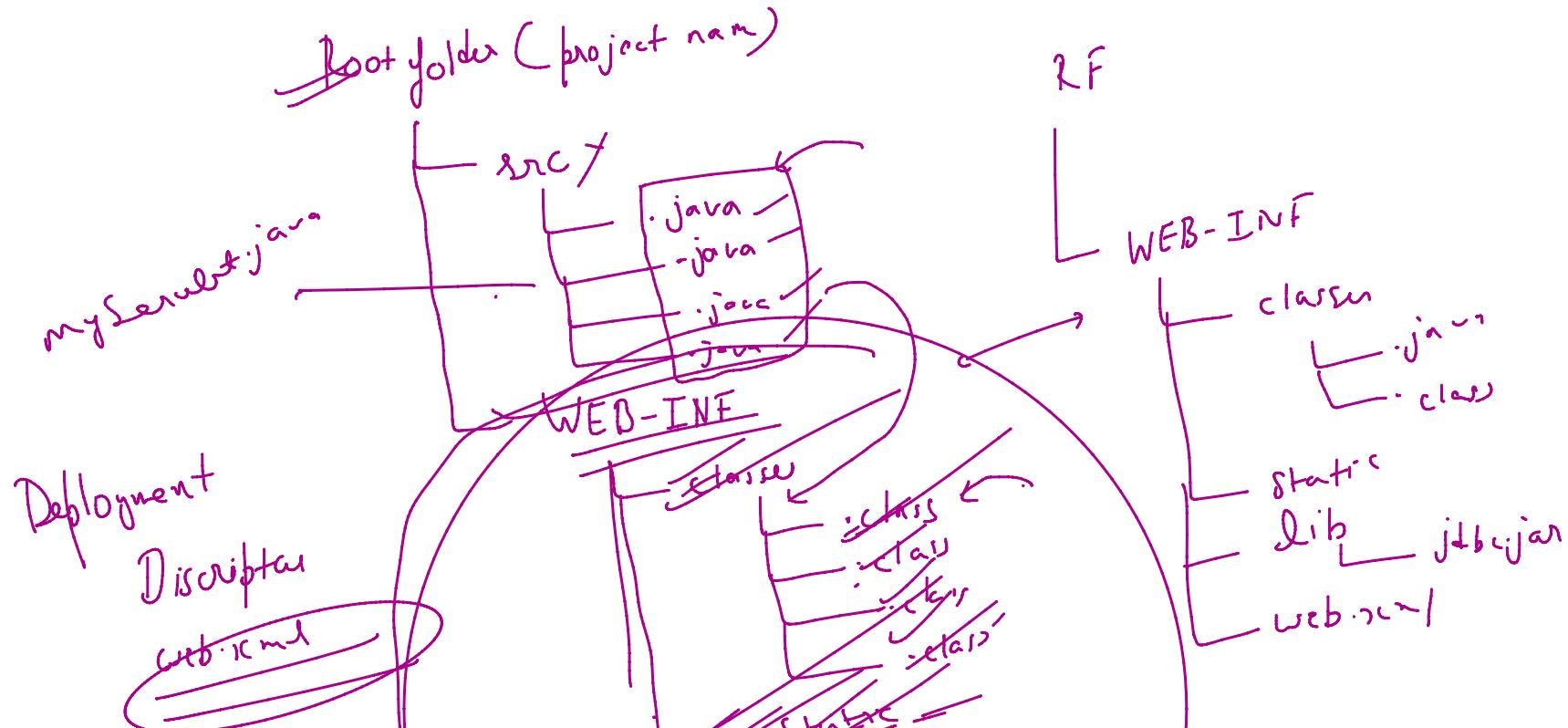




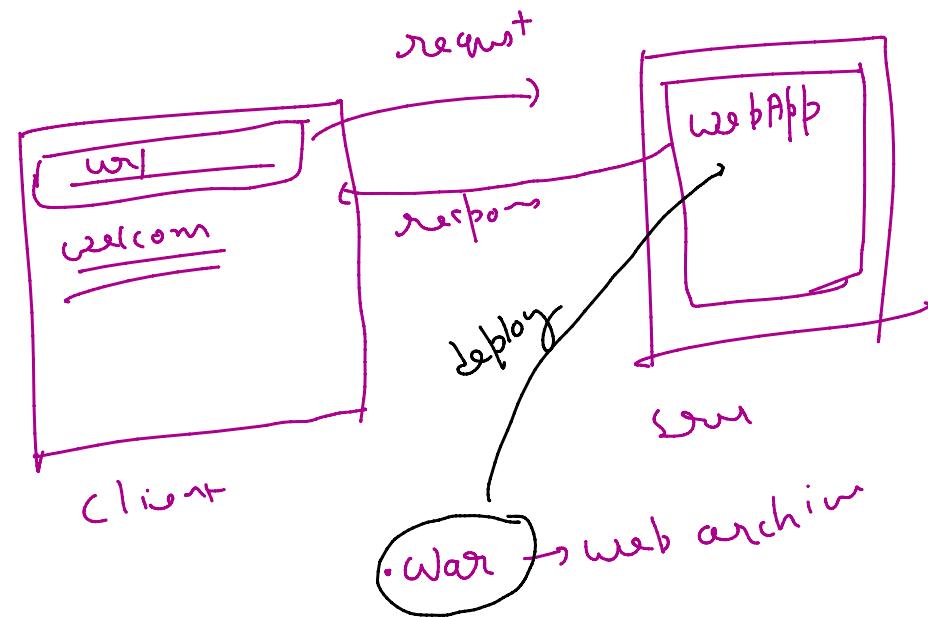
Generic Servlet

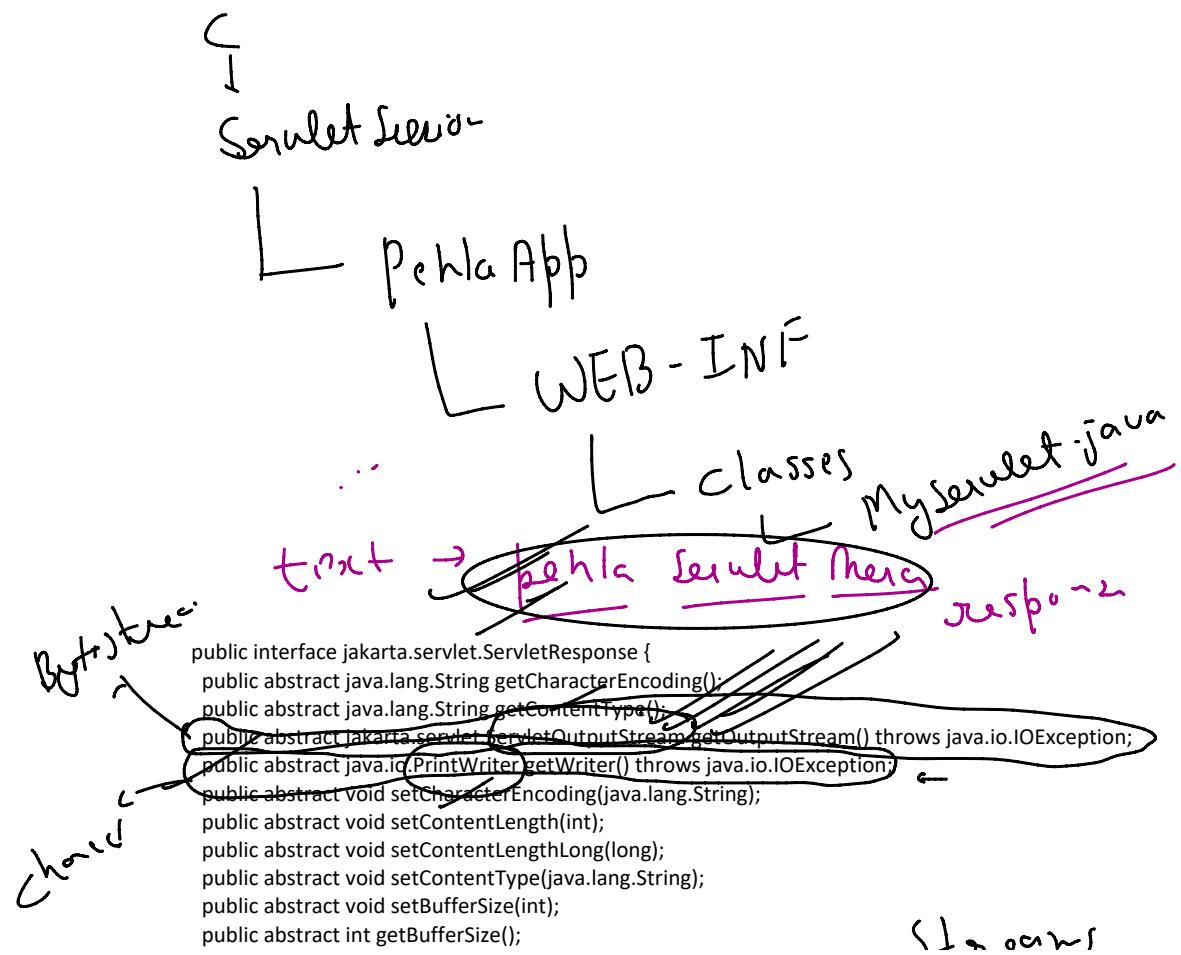
→ Standardization / Specification

Servlet Apps → File Structure









char

```
public abstract void setCharacterEncoding(String);
public abstract void setContentType(java.lang.String);
public abstract void setBufferSize(int);
public abstract int getBufferSize();
public abstract void flushBuffer() throws java.io.IOException;
public abstract void resetBuffer();
public abstract boolean isCommitted();
public abstract void reset();
public abstract void setLocale(java.util.Locale);
public abstract java.util.Locale getLocale();
}
```

Streams

