

How the web works

Browser

- Interpreter
- According to provided URL calls DNS Server to search for corresponding IP and then sends it to the server
- Sending URL to DNS Server is called request
- Request structure:
 - URL
 - Method (GET,PUT,POST,DELETE)
 - Status code (200 -> OK, 400 -> Error)
 - Meta-Data (Headers)
- Response
 - For webpage contains HTML/CSS/Java Script code to be displayed
 - JSON
 - XML

HTTP vs HTTPS

- HTTP
 - Hyper Text Transfer Protocol
- HTTPS
 - Hyper Text Transfer Protocol Secured
 - Encrypted

