# HTTP Request and Response Report – www.youtube.com

#### Website:

https://www.youtube.com

#### **Tools Used:**

Google Chrome Developer Tools → Network Tab

#### Screenshot Overview:

A screenshot was taken after visiting https://www.youtube.com and inspecting the network activity using Chrome DevTools.

### **Explanation of Each Part:**

URL:

https://www.youtube.com - This is the address the browser requested from the server.

Request Method:

GET – The browser is requesting the homepage of youtube.

Status Code:

302 Found – The server responded with a redirection to the login page.

• Request Headers:

These are sent by the browser and include:

- User-Agent: Browser and device info
- Accept: What content types the browser can handle
- Accept-Language: Preferred language
- Connection: Keep-alive request for efficiency
- Response Headers:

These are sent by the youtube server and include:

- Location: Redirect URL (e.g., login page)
- Set-Cookie: Creates a session for the user

- Content-Type: Specifies type of returned data (HTML, JSON, etc.)
- Strict-Transport-Security: Enforces secure connection (HTTPS)
- Cache-Control: Tells the browser not to cache the page

## Summary:

This inspection demonstrates how the browser sends a request to the youtube server and receives a redirect response with headers containing important data such as cookies, content type, and security settings.















