

## Exercise 1 (Network Inspect)

- URL: <https://www.youtube.com/>
- IP address

The screenshot shows the Chrome DevTools Network tab with a list of requests. The selected request is a POST to 142.250.203.238:443. The details pane shows the following information:

- Name:** atr?ns=yt&el=detailpage&... (truncated)
- Status Code:** 204 No Content
- Remote Address:** 142.250.203.238:443
- Referrer Policy:** strict-origin-when-cross-origin
- Request Method:** POST
- Response Headers:**
  - Access-Control-Allow-Credentials: true
  - Access-Control-Allow-Origin: https://www.youtube.com
  - Alt-Svc: h3="443"; ma=2592000, h3-29="443"; ma=2592000
  - Cache-Control: no-cache, must-revalidate
  - Content-Length: 0
  - Content-Type: text/html; charset=UTF-8

- Num of http(s)

The screenshot shows the Chrome DevTools Network tab with a list of 180 requests. The table below summarizes the requests:

Name	Status	Type	Initiator	Size	Time	Fulfilled by	Waterfall
www.youtube.com	200	document	Other	0 B	1.35 s	(ServiceWorker)	
www.youtube.com	200	text/html	Preload	104 kB	1.35 s		
desktop_polymer_css_polymer_serving_disabled.js	200	script	(index):16	0 B	0 ms	(memory cach...	
web-animations-next-lite.min.js	200	script	(index):16	0 B	0 ms	(memory cach...	
custom-elements-es5-adapter.js	200	script	(index):16	0 B	1 ms	(memory cach...	
webcomponents-sd.js	200	script	(index):16	0 B	0 ms	(memory cach...	
intersection-observer.min.js	200	script	(index):16	0 B	0 ms	(memory cach...	
generate_204	204	text/plain	(index):16	38 B	119 ms		
scheduler.js	200	script	(index):19	0 B	0 ms	(memory cach...	
www-i18n-constants.js	200	script	(index):19	0 B	0 ms	(memory cach...	
www-tampering.js	200	script	(index):19	0 B	0 ms	(memory cach...	
spt.js	200	script	(index):19	0 B	0 ms	(memory cach...	
network.js	200	script	(index):20	0 B	1 ms	(memory cach...	
www-main-desktop-home-page-skeleton.css	200	stylesheet	(index):20	0 B	13 ms	(ServiceWorker)	
www-onepick.css	200	stylesheet	(index):20	0 B	15 ms	(ServiceWorker)	
rs=AGKMjYwF1qCc8D2uQGikr2J513YQ7XMKw	200	stylesheet	(index):20	0 B	17 ms	(ServiceWorker)	

180 requests 6.8 MB transferred 22.4 MB resources Finish: 5.2 min DOMContentLoaded: 2.50 s Load: 2.57 s

- Types

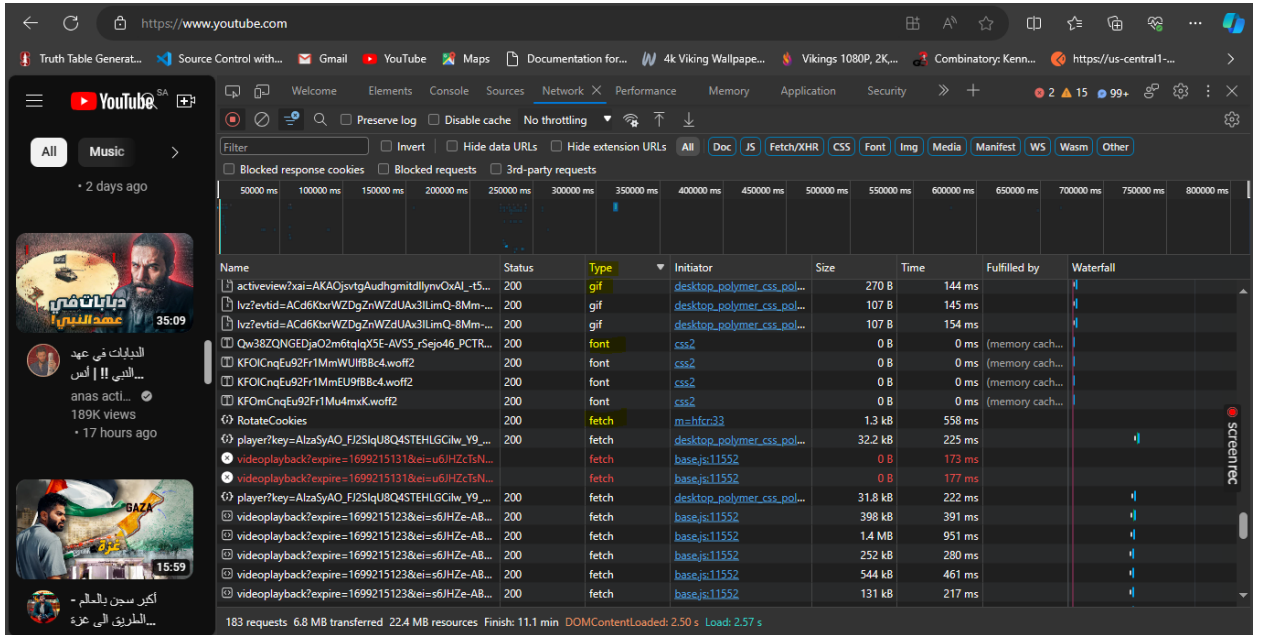
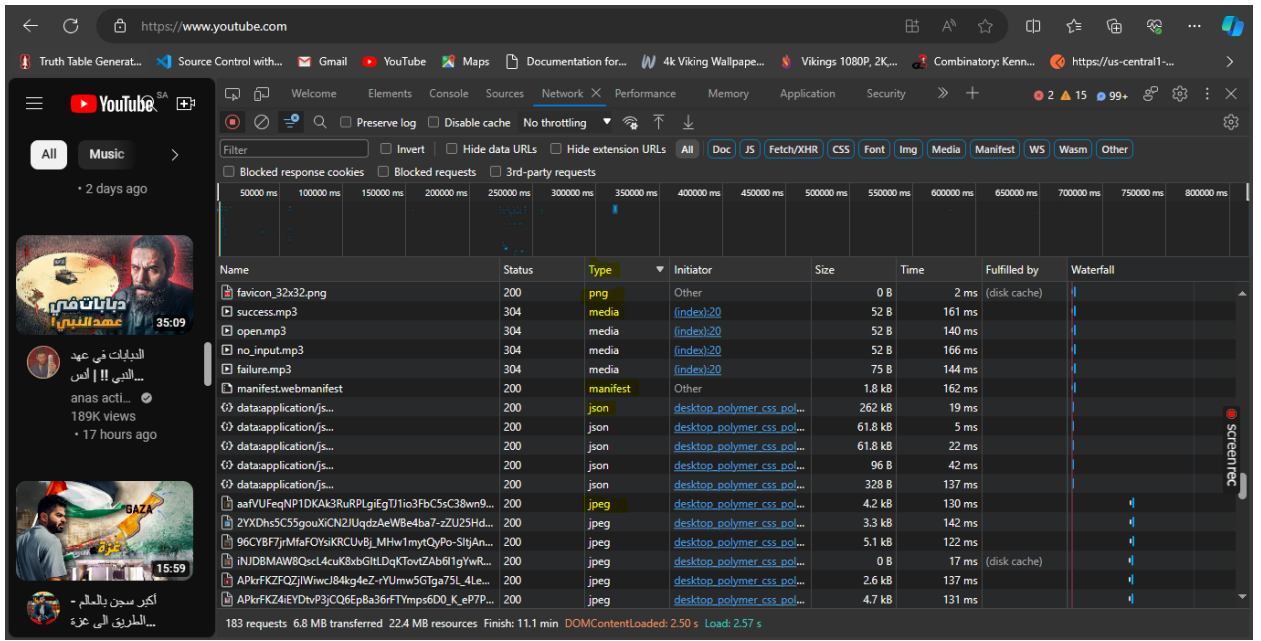
The image displays two screenshots of a web browser's developer network tab, showing network requests for a YouTube page. The top screenshot shows a list of requests including 'GenerateIT', 'Create', 'id', 'favicon.ico', and various 'hqdefault.jpg' and 'hq720.jpg' requests. The bottom screenshot shows a list of requests including 'generate\_204', 'worker-serialization.js', 'adview?ai=C...', 'css?family=Roboto+Mono+400', 'www-player.css', 'www-main-desktop-watch-page-skeleton.css', 'rs=AGKM...', 'www-onepick.css', 'www-main-desktop-home-page-skeleton.css', 'endscreen.js', 'captions.js', and 'inline\_preview.js'.

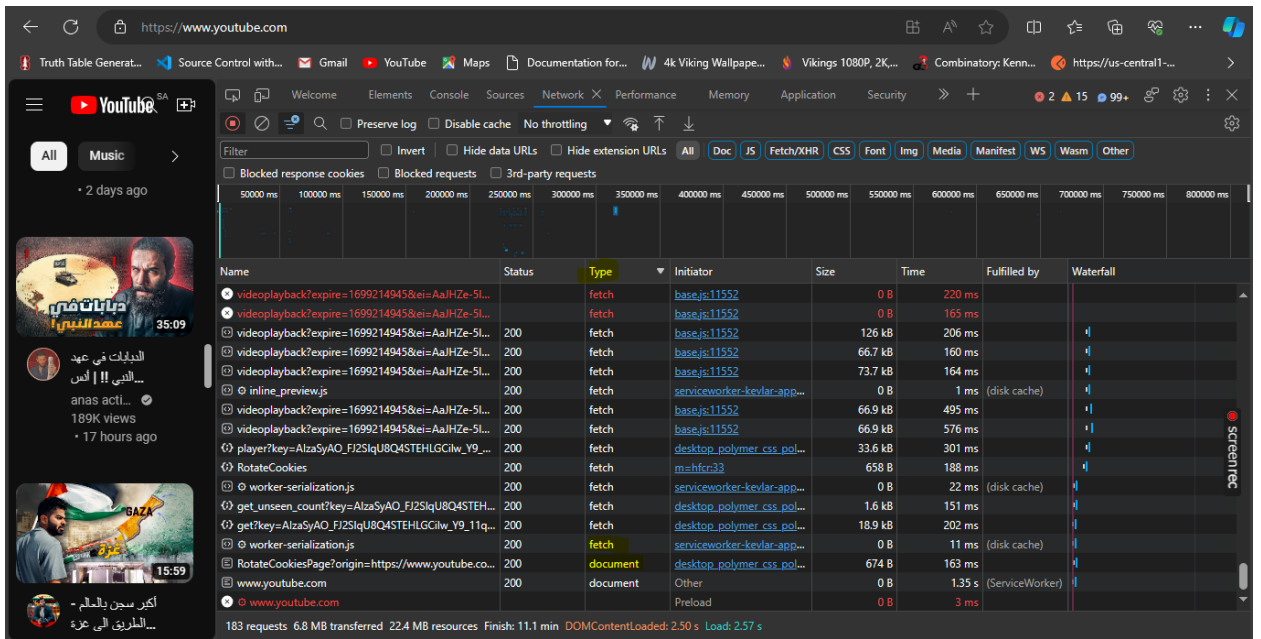
Name	Status	Type	Initiator	Size	Time	Fulfilled by	Waterfall
GenerateIT	200	xhr	base.js:7767	178 B	133 ms		
Create	200	xhr	base.js:7767	32.1 kB	183 ms		
id	200	xhr	desktop_polymer.css.pol...	202 B	135 ms		
favicon.ico	200	x-icon	Other	0 B	6 ms	(ServiceWorker)	
hqdefault.jpg?sqp=...	200	webp	Other	7.2 kB	239 ms		
hq720.jpg?sqp=...	200	webp	Other	6.2 kB	124 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	40.6 kB	144 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	87.2 kB	181 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	78 B	120 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	47.9 kB	149 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	40.3 kB	162 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	13.1 kB	181 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	23.9 kB	280 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	79.4 kB	190 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	22.5 kB	190 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	68 B	120 ms		
hq720.jpg?sqp=...	200	webp	desktop_polymer.css.pol...	16.2 kB	181 ms		

183 requests 6.8 MB transferred 22.4 MB resources Finish: 11.1 min DOMContentLoaded: 250 s Load: 2.57 s

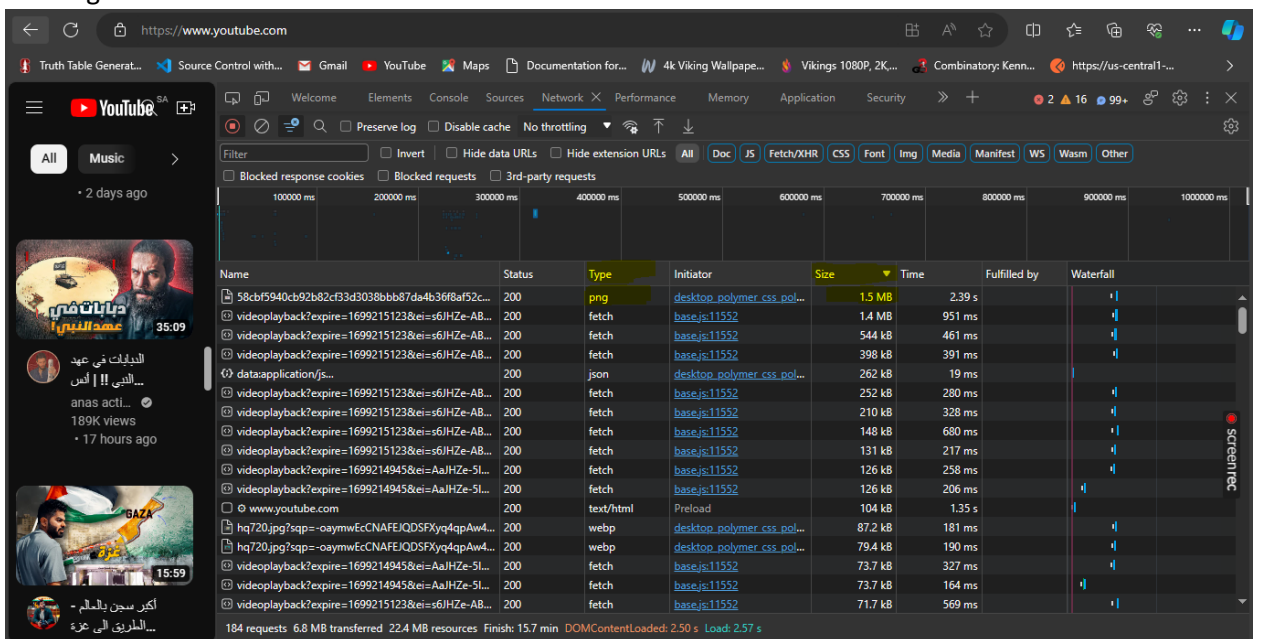
Name	Status	Type	Initiator	Size	Time	Fulfilled by	Waterfall
generate_204	204	text/plain	(index):16	38 B	119 ms		
worker-serialization.js	200	text/javascript	Other	0 B	29 ms	(ServiceWorker)	
worker-serialization.js	200	text/javascript	(index):20	0 B	15 ms	(ServiceWorker)	
www.youtube.com	200	text/html	Preload	104 kB	1.35 s		
adview?ai=C...	204	text/html	base.js:2296	0 B	232 ms		
adview?ai=C...	204	text/html	desktop_polymer.css.pol...	245 B	178 ms		
css?family=Roboto+Mono+400	200	stylesheet	desktop_polymer.css.pol...	0 B	2 ms	(disk cache)	
css?family=Roboto+Mono+400	200	stylesheet	desktop_polymer.css.pol...	0 B	2 ms	(disk cache)	
www-player.css	200	stylesheet	desktop_polymer.css.pol...	0 B	10 ms	(ServiceWorker)	
www-main-desktop-watch-page-skeleton.css	200	stylesheet	(index):22	0 B	3 ms	(ServiceWorker)	
rs=AGKM...	200	stylesheet	(index):20	0 B	17 ms	(ServiceWorker)	
www-onepick.css	200	stylesheet	(index):20	0 B	15 ms	(ServiceWorker)	
www-main-desktop-home-page-skeleton.css	200	stylesheet	(index):20	0 B	13 ms	(ServiceWorker)	
css2?family=Roboto:wght@300;400;500;700&family=...	200	stylesheet	(index):20	0 B	1 ms	(disk cache)	
endscreen.js	200	script	base.js:5127	0 B	13 ms	(ServiceWorker)	
captions.js	200	script	base.js:5127	0 B	8 ms	(ServiceWorker)	
inline_preview.js	200	script	base.js:5127	0 B	4 ms	(ServiceWorker)	

183 requests 6.8 MB transferred 22.4 MB resources Finish: 11.1 min DOMContentLoaded: 250 s Load: 2.57 s





- The largest



- Duration it takes

