

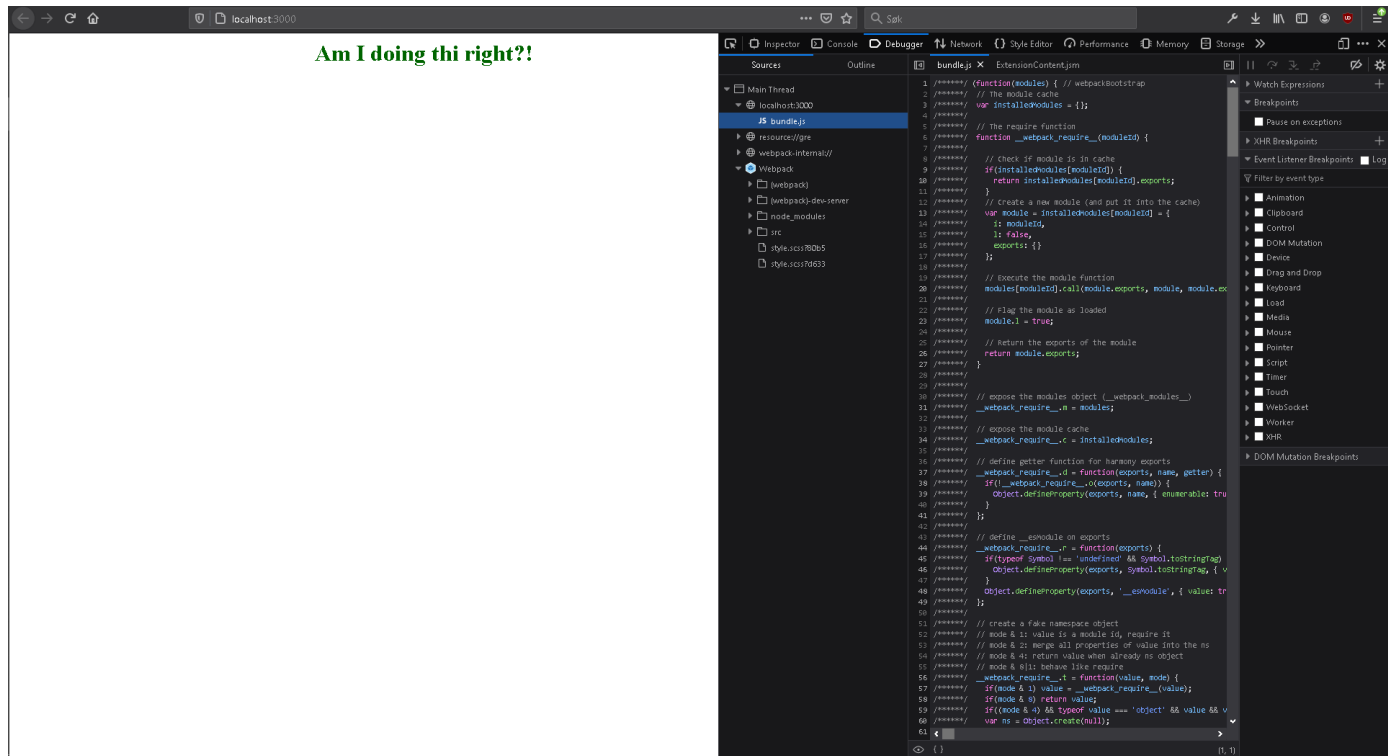
Oppgave 2

```

Version: webpack 4.44.1
Time: 2117ms
Built at: 09/10/2020 2:20:41 PM
    Asset      Size  Chunks             Chunk Names
./index.html  382 bytes               [emitted]
  bundle.js    376 KiB          main [emitted] main
Entrypoint main = bundle.js
[0] multi (webpack)-dev-server/client?http://localhost:8080 ./src/script.js 40 bytes {main} [built]
[./node_modules/ansi-html/index.js] 4.16 KiB {main} [built]
[./node_modules/css-loader/dist/cjs.js!./node_modules/sass-loader/dist/cjs.js!./style.scss] 278 bytes {main} [built]
[./node_modules/html-entities/lib/index.js] 449 bytes {main} [built]
[./node_modules/webpack-dev-server/client/index.js?http://localhost:8080] (webpack)-dev-server/client?http://localhost:8080 4.29 KiB {main} [built]
[./node_modules/webpack-dev-server/client/overlay.js] (webpack)-dev-server/client/overlay.js 3.51 KiB {main} [built]
[./node_modules/webpack-dev-server/client/socket.js] (webpack)-dev-server/client/socket.js 1.53 KiB {main} [built]
[./node_modules/webpack-dev-server/client/utils/createSocketUrl.js] (webpack)-dev-server/client/utils/createSocketUrl.js 2.91 KiB {main} [built]
[./node_modules/webpack-dev-server/client/utils/log.js] (webpack)-dev-server/client/utils/log.js 964 bytes {main} [built]
[./node_modules/webpack-dev-server/client/utils/reloadApp.js] (webpack)-dev-server/client/utils/reloadApp.js 1.59 KiB {main} [built]
[./node_modules/webpack-dev-server/client/utils/sendMessage.js] (webpack)-dev-server/client/utils/sendMessage.js 402 bytes {main} [built]
[./node_modules/webpack-dev-server/node_modules/strip-ansi/index.js] (webpack)-dev-server/node_modules/strip-ansi/index.js 161 bytes {main} [built]
[./node_modules/webpack-hot-sync ^\\.\\.log$] (webpack)/hot sync nonrecursive ^\\.\\.log$ 170 bytes {main} [built]
[./src/script.js] 112 bytes {main} [built]
[./style.scss] 557 bytes {main} [built]
+ 22 hidden modules
Child HtmlWebpackCompiler:
    1 asset
Entrypoint HtmlWebpackPlugin_0 = __child-HtmlWebpackPlugin_0
[./node_modules/html-webpack-plugin/lib/loader.js!./src/index.html] 656 bytes {HtmlWebpackPlugin_0} [built]
1 [webpack]: Compiled successfully.

```

[illegible]



Oppgave 4 (Gjort med firefox dev edition, siden det er browseren jeg bruker til vanlig)

1. Antall bilder på forsiden

All	HTML	CSS	JS	XHR	Fonts	Images	Media	WS	Other
Status	M...	Domain	File	Initiator	Type	Transferred	Size		Time
200	GET	www.hiof.no	forkningsdagene2020.jpg	img	jpeg	286,85 KB	286,85 KB		95 ms
200	GET	www.hiof.no	elbiler-2020-nyhetsbilde-1980bredt.jpg?vrt	img	jpeg	22,29 KB	21,8 KB		92 ms
200	GET	www.hiof.no	pressefotostuediestedfredrikstad.jpg?vrt	img	jpeg	13,13 KB	12,6 KB		92 ms
200	GET	www.hiof.no	logo-no.svg	img	svg	4,36 KB	13,3 KB		90 ms
200	GET	www.hiof.no	right-arrow-white.svg	img	svg	700 B	245 B		89 ms
200	GET	www.hiof.no	bullet-icon.svg	img	svg	667 B	171 B		88 ms
200	GET	www.hiof.no	hexagon.svg	img	svg	726 B	289 B		88 ms
200	GET	www.hiof.no	social-facebook.svg	img	svg	790 B	412 B		87 ms
200	GET	www.hiof.no	social-twitter.svg	img	svg	982 B	815 B		87 ms
200	GET	www.hiof.no	instagram.svg	img	svg	1,12 KB	1,09 KB		86 ms
200	GET	www.hiof.no	logo-no-black.svg	img	svg	4,36 KB	13,3 KB		86 ms
200	GET	www.hiof.no	dropdown-black.png	jquery.min.js:1	png	3,29 KB	2,83 KB		15 ms
200	GET	www.hiof.no	magnifier.svg	jquery.min.js:1	svg	801 B	519 B		23 ms
200	GET	www.hiof.no	front-header.png	jquery.min.js:1	png	41,13 KB	40,6 KB		79 ms
200	GET	www.hiof.no	front-header-seam.png	jquery.min.js:1	png	11,99 KB	11,5 KB		37 ms
200	GET	www.hiof.no	footer.svg	jquery.min.js:1	svg	192,62 KB	255,6 KB		62 ms
200	GET	www.hiof.no	info-link-close.png	img	png	1,08 KB	625 B		77 ms
200	GET	www.hiof.no	favicon.ico	FaviconLoader	x-icon	1,58 KB	1,12 KB		19 ms

18 requests | 663,74 KB / 588,37 KB transferred | Finish: 1,71 s | DOMContentLoaded: 512 ms | load: 1,32 s

2. Lastetid med og uten cache

a. Med cache 1.37 sek

Status	M...	Domain	File	Initiator	Type	Transferred	Size	0 ms	1
200	GET	www.hiof....	/	BrowserTabC...	html	6,86 KB	40,5...	17 ms	
200	GET	www.hiof....	style.css	stylesheet	css	64,34 KB	583,...	38 ms	
200	GET	www.hiof....	jquery.min.js	script	js	33,56 KB	94,9...	51 ms	
304	GET	vrbs.uio.no	uioGa.js	script	js	cached	16,4...	11 ms	
304	GET	vrbs.uio.no	customTracker.js	script	js	cached	893 B	16 ms	
200	GET	www.hiof....	view-dropdown.js	script	js	1,17 KB	1,62 ...	42 ms	
200	GET	www.hiof....	uio2.js	script	js	96,32 KB	367,...	78 ms	
200	GET	www.hiof....	local.js	script	js	10,50 KB	38,5...	70 ms	
200	GET	www.hiof....	responsive.css	stylesheet	css	13,49 KB	102,...	62 ms	
200	GET	www.hiof....	print.css	stylesheet	css	2,02 KB	7,16 ...	60 ms	
304	GET	vrbs.uio.no	analytics.js	uioGa.js:56 (s...	js	cached	44,8...	13 ms	
200	GET	www.hiof....	forkningsdagene2020.jpg	img	jpeg	286,85 KB	286,...	94 ms	
200	GET	www.hiof....	elbiler-2020-nyhetsbilde-1980bredt.jpg?vrbs=th	img	jpeg	22,29 KB	21,8...	131 ms	
200	GET	www.hiof....	pressefotosstudiestedfredrikstad.jpg?vrbs=th	img	jpeg	13,13 KB	12,6...	130 ms	
200	GET	www.hiof....	footer.svg	jquery.min.js:...	svg	192,62 KB	255,...	139 ms	
200	GET	www.hiof....	property-query?q=uri=/personer&fields=*	jquery.min.js:...	json	3,34 KB	2,93 ...	130 ms	
200	GET	www.hiof....	surveys.js?_=1599576430363	jquery.min.js:...	js	478 B	0 B	129 ms	
200	GET	www.hiof....	instagram.svg	img	svg	1,12 KB	1,09 ...	117 ms	
200	GET	www.hiof....	info-link-close.png	img	png	1,08 KB	625 B	114 ms	
⛔	GET	w3prod-ipp...	collect?v=1&_v=j83&aip=1&a=252181510&	uioGa.js:297 (...)		Blocked By uB...			
⛔	GET	w3prod-ipp...	collect?v=1&_v=j83&aip=1&a=252181510&	uioGa.js:297 (...)		Blocked By uB...			
⛔	GET	w3prod-ipp...	collect?v=1&_v=j83&aip=1&a=252181510&	uioGa.js:297 (...)		Blocked By uB...			
200	GET	www.hiof....	jquery.autocomplete.js	jquery.min.js:...	js	8,55 KB	28,2...	17 ms	
200	GET	www.hiof....	favicon.ico	FaviconLoad...	x-icon	cached	1,12 ...	0 ms	
200	GET	www.hiof....	autocomplete-main.js	jquery.min.js:...	js	cached	828 B	0 ms	

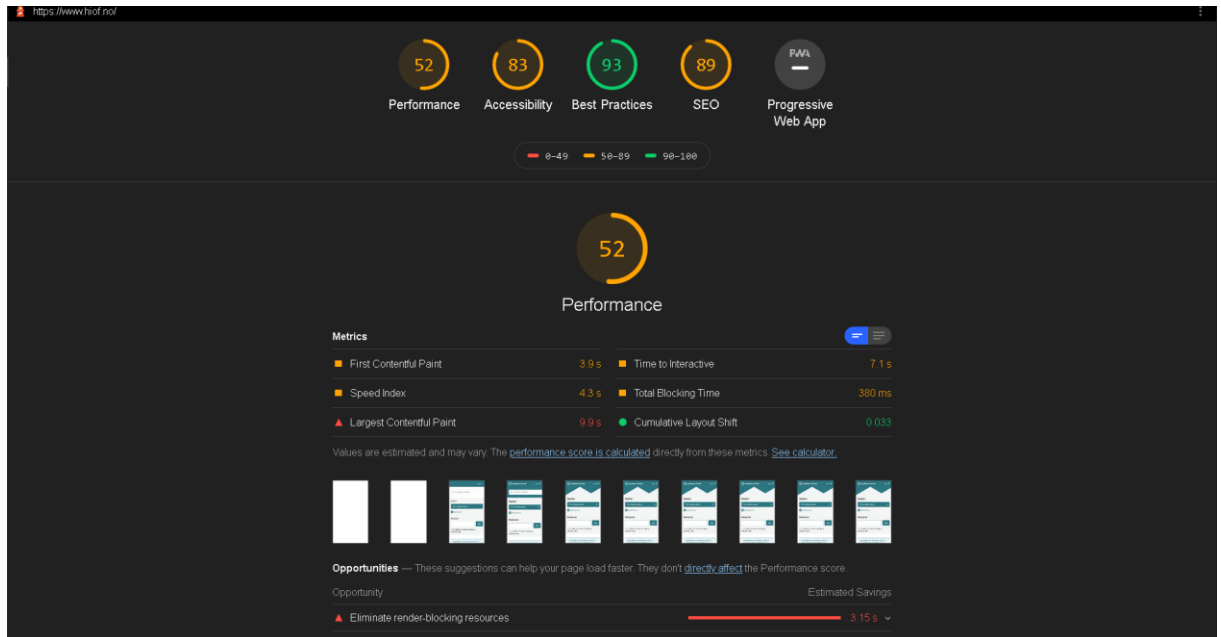
25 requests | 1,86 MB / 757,70 KB transferred | Finish: 1,37 s | DOMContentLoaded: 520 ms | load: 1,20 s

b. Uten cache 2.1 sek

Status	M...	Domain	File	Initiator	Type	Transferred	Size	0 ms
200	GET	www.hiof...	uio2.js	script	js	96,32 KB	367,...	110 ms
200	GET	www.hiof...	local.js	script	js	10,50 KB	38,5...	81 ms
200	GET	fonts.goo...	css?family=Source+Sans+Pro:400,200,200	stylesheet	css	1,93 KB	31,7...	26 ms
200	GET	www.hiof...	local-hiof.css	stylesheet	css	710 B	349 B	29 ms
200	GET	wrbx.uio.no	analytics.js	uioGa.js:56 (s...	js	45,16 KB	44,8...	70 ms
200	GET	www.hiof...	forkningsdagene2020.jpg	img	jpeg	286,85 KB	286,...	114 ms
200	GET	www.hiof...	elbiler-2020-nyhetsbilde-1980bredt.jpg?v=	img	jpeg	22,29 KB	21,8...	165 ms
200	GET	www.hiof...	pressefotostudiestedfredrikstad.jpg?vrbx=	img	jpeg	13,13 KB	12,6...	113 ms
200	GET	fonts.gsta...	6xK3dSBYKcSV-LCoeQqfX1RYOo3qOK7l.wc	font	woff2	16,36 KB	15,7...	35 ms
200	GET	fonts.gsta...	6xKydsBYKcSV-LCoeQqfX1RYOo3ik4zwlxdu	font	woff2	16,31 KB	15,6...	39 ms
200	GET	www.hiof...	logo-no.svg	img	svg	4,33 KB	13,3...	164 ms
200	GET	www.hiof...	right-arrow-white.svg	img	svg	690 B	245 B	163 ms
200	GET	www.hiof...	bullet-icon.svg	img	svg	668 B	171 B	162 ms
200	GET	www.hiof...	hexagon.svg	img	svg	717 B	289 B	162 ms
200	GET	www.hiof...	social-facebook.svg	img	svg	789 B	412 B	162 ms
200	GET	www.hiof...	social-twitter.svg	img	svg	993 B	815 B	160 ms
200	GET	www.hiof...	instagram.svg	img	svg	1,12 KB	1,09 ...	161 ms
200	GET	www.hiof...	logo-no-black.svg	img	svg	4,36 KB	13,3...	161 ms
200	GET	fonts.gsta...	6xKydsBYKcSV-LCoeQqfX1RYOo3i54nwlxdu	font	woff2	16,20 KB	15,5...	56 ms
200	GET	www.hiof...	dropdown-black.png	jquery.min.js:...	png	3,29 KB	2,83 ...	160 ms
200	GET	www.hiof...	magnifier.svg	jquery.min.js:...	svg	801 B	519 B	17 ms
200	GET	www.hiof...	front-header.png	jquery.min.js:...	png	41,13 KB	40,6...	49 ms
200	GET	www.hiof...	front-header-seam.png	jquery.min.js:...	png	11,99 KB	11,5...	39 ms
200	GET	www.hiof...	footer.svg	jquery.min.js:...	svg	192,59 KB	255,...	49 ms
200	GET	www.hiof...	property-query?q=uri=/personer&fields	jquery.min.js:...	json	3,34 KB	2,93 ...	24 ms
200	GET	www.hiof...	info-link-close.png	img	png	1,08 KB	625 B	37 ms
⛔	GET	w3prod-ipp...	collect?v=1&_v=j83&aip=1&a=699818731	uioGa.js:297 ...		Blocked By u...		
⛔	GET	w3prod-ipp...	collect?v=1&_v=j83&aip=1&a=699818731	uioGa.js:297 ...		Blocked By u...		
⛔	GET	w3prod-ipp...	collect?v=1&_v=j83&aip=1&a=699818731	uioGa.js:297 ...		Blocked By u...		
200	GET	www.hiof...	surveys.js?_=1599576373409	jquery.min.js:...	js	477 B	0 B	48 ms
200	GET	fonts.gsta...	6xK3dSBYKcSV-LCoeQqfX1RYOo3qOK7l.wc	styles.js:770 (...)	woff2	16,36 KB	15,7...	23 ms
200	GET	fonts.gsta...	6xKydsBYKcSV-LCoeQqfX1RYOo3ik4zwlxdu	styles.js:770 (...)	woff2	16,31 KB	15,6...	33 ms
200	GET	fonts.gsta...	6xKydsBYKcSV-LCoeQqfX1RYOo3i54nwlxdu	utils.js:213 (f...	woff2	16,20 KB	15,5...	32 ms
200	GET	www.hiof...	jquery.autocomplete.js	jquery.min.js:...	js	8,55 KB	26,2...	23 ms
200	GET	www.hiof...	favicon.ico	FaviconLoad...	x-icon	1,59 KB	1,12 ...	16 ms
200	GET	www.hiof...	autocomplete-main.js	jquery.min.js:...	js	902 B	828 B	13 ms

46 requests | 2,20 MB / 0,99 MB transferred | Finish: 2,10 s | DOMContentLoaded: 439 ms | load: 1,89 s

3. Audit



4. Antall eksterne requests 53

Status	Method	Domain	File	Initiator	Type	Transferred	Size	0 ms
200	GET	www.hiof.no	/	document	html	6,93 KB	40,65 KB	46 ms
200	GET	www.hiof.no	style.css	stylesheet	css	64,34 KB	583,11 KB	386 ms
200	GET	www.hiof.no	responsive.css	stylesheet	css	13,49 KB	102,30 KB	449 ms
200	GET	www.hiof.no	print.css	stylesheet	css	2,02 KB	7,16 KB	449 ms
200	GET	www.hiof.no	local.css	stylesheet	css	17,92 KB	130,55 KB	449 ms
200	GET	www.hiof.no	jquery.min.js	script	js	33,56 KB	94,96 KB	437 ms
200	GET	vrbcuio.no	uioGajs	script	js	16,71 KB	16,43 KB	270 ms
200	GET	vrbcuio.no	customTracker.js	script	js	1,15 KB	893 B	270 ms
200	GET	www.hiof.no	frontpage.css	stylesheet	css	720 B	296 B	317 ms
200	GET	www.hiof.no	view-dropdown.js	script	js	1,17 KB	1,62 KB	386 ms
200	GET	www.hiof.no	uio2.js	script	js	96,32 KB	367,04 KB	370 ms
200	GET	www.hiof.no	local.js	script	js	10,51 KB	38,51 KB	386 ms
200	GET	fonts.googleapis.com	css?family=Source+Sans+Pro:400,200,200italic,300,600,300italic	stylesheet	css	1,93 KB	31,73 KB	63 ms
200	GET	www.hiof.no	local-hiof.css	stylesheet	css	710 B	349 B	53 ms
200	GET	vrbcuio.no	analytics.js	uioGajs:56 (script)	js	45,16 KB	44,88 KB	169 ms
200	GET	www.hiof.no	forkningsdagene2020.jpg	img	jpeg	286,85 KB	286,38 KB	154 ms
200	GET	www.hiof.no	elbiler-2020-nyhetsbilde-1980bredt.jpg?vrb=thumbnail	img	jpeg	22,29 KB	21,85 KB	154 ms
200	GET	www.hiof.no	forkningsdagene2020collage1980.jpg?vrb=thumbnail	img	jpeg	19,24 KB	18,80 KB	270 ms
200	GET	fonts.gstatic.com	6xK3dSBYKcSV-LCoeQqfX1RYOo3QOK7L.woff2	font	woff2	16,36 KB	15,73 KB	78 ms
200	GET	fonts.gstatic.com	6xKydsBYKcSV-LCoeQqfX1RYOo3Ik4zwlxdu.woff2	font	woff2	16,31 KB	15,69 KB	100 ms
200	GET	www.hiof.no	logo-no.svg	img	svg	4,36 KB	13,31 KB	248 ms
200	GET	www.hiof.no	menu.svg	img	svg	706 B	383 B	282 ms
200	GET	www.hiof.no	right-arrow-white.svg	img	svg	691 B	245 B	282 ms
200	GET	www.hiof.no	bullet-icon.svg	img	svg	658 B	171 B	282 ms
200	GET	www.hiof.no	hexagon.svg	img	svg	726 B	289 B	282 ms
200	GET	www.hiof.no	social-facebook.svg	img	svg	799 B	412 B	282 ms
200	GET	www.hiof.no	social-twitter.svg	img	svg	993 B	815 B	282 ms
200	GET	www.hiof.no	instagram.svg	img	svg	1,12 KB	1,09 KB	282 ms
200	GET	www.hiof.no	right-arrow-green.svg	img	svg	693 B	248 B	282 ms
200	GET	www.hiof.no	logo-no-black.svg	img	svg	4,33 KB	13,31 KB	282 ms
200	GET	fonts.gstatic.com	6xKydsBYKcSV-LCoeQqfX1RYOo3I54nwlxdu.woff2	font	woff2	16,20 KB	15,57 KB	84 ms
200	GET	www.hiof.no	dropdown-black.png	jquery.min.js:3 (img)	png	3,29 KB	2,83 KB	216 ms
200	GET	www.hiof.no	responsive.js?v=20190125	jquery.min.js:4 (xhr)	js	15,98 KB	64,63 KB	201 ms
200	GET	www.hiof.no	footer.svg	jquery.min.js:3 (img)	svg	192,62 KB	255,97 KB	216 ms
200	GET	www.hiof.no	property-query?q=uri=/personer&fields=*@format=json-comp	jquery.min.js:4 (xhr)	json	3,34 KB	2,93 KB	201 ms
200	GET	www.hiof.no	info-link-close-responsive.png	img	png	1,29 KB	851 B	188 ms
200	GET	www.hiof.no	surveys.js?v=1599833420817	jquery.min.js:4 (xhr)	js	478 B	0 B	188 ms

53 requests | 2,22 MB / 987,80 KB transferred | Finish: 5,22 s | DOMContentLoaded: 1,43 s | load: 4,25 s

5. Content type i response header er *text/css; charset=utf-8*

```
Response headers (465 B) Raw
? accept-ranges: bytes
? age: 0
? cache-control: max-age=60
? content-encoding: gzip
? content-security-policy: upgrade-insecure-requests;
? content-type: text/html; charset=utf-8
? date: Fri, 11 Sep 2020 14:14:37 GMT
? server: nginx
? strict-transport-security: max-age=31536000
? vary: Cookie
? via: 1.1 varnish-v4
```

6. Cache-Control i request header *no-cache*

```
Request headers (526 B) Raw
? Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/webp,*/*;q=0.8
? Accept-Encoding: gzip, deflate, br
? Accept-Language: nb-NO,nb;q=0.9,no-NO;q=0.8,no;q=0.6,nn-NO;q=0.5,nn;q=0.4,en-US;q=0.3,en;q=0.1
? Cache-Control: no-cache
? Connection: keep-alive
? Cookie: _ga= GA1.2.2056502426.1599038298; _gid= GA1.2.710906305.1599829833
? Host: www.hiof.no
? Pragma: no-cache
? Upgrade-Insecure-Requests: 1
? User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:81.0) Gecko/20100101 Firefox/81.0
```

7. Siden bruker HTTP/2

```
GET https://www.hiof.no/tjenester/
Status 200 OK
Version HTTP/2
Transferred 7,56 KB (34,83 KB size)
```