

Департамент образования и науки города Москвы
Государственное автономное образовательное учреждение
высшего образования города Москвы
«Московский городской педагогический университет»
Институт цифрового образования
Департамент информатики, управления и технологий

Отчет по практической работе №1

Выполнил: Кряжева К.С
группа: ТП-191

Москва

2022



A terminal window titled "lemp@u20-05: ~" with search, menu, and close buttons. The terminal shows the following commands and outputs:

```
lemp@u20-05:~$ sudo telnet -d localhost 22
[sudo] password for lemp:
Trying 127.0.0.1...
telnet: Unable to connect to remote host: Connection refused
lemp@u20-05:~$ sudo telnet opennet.ru 80
Trying 217.65.3.21...
Connected to opennet.ru.
Escape character is '^]'.
^CConnection closed by foreign host.
lemp@u20-05:~$ sudo telnet india.colorado.edu 13
```

```
lemp@u20-05: ~  
lemp@u20-05:~$ sudo telnet -d localhost 22  
[sudo] password for lemp:  
Trying 127.0.0.1...  
telnet: Unable to connect to remote host: Connection refused  
lemp@u20-05:~$ sudo telnet opennet.ru 80  
Trying 217.65.3.21...  
Connected to opennet.ru.  
Escape character is '^]'.  
^CConnection closed by foreign host.  
lemp@u20-05:~$ sudo telnet india.colorado.edu 13  
Trying 128.138.140.44...  
Connected to india.colorado.edu.  
Escape character is '^]'.  
  
59835 22-09-13 07:59:22 50 0 0 920.9 UTC(NIST) *  
Connection closed by foreign host.  
lemp@u20-05:~$ sudo telnet -d mgpu.ru 80  
Trying 37.230.157.233...  
Connected to mgpu.ru.  
Escape character is '^]'.  
^CConnection closed by foreign host.  
lemp@u20-05:~$
```

```
lemp@u20-05: ~  
lemp@u20-05:~$ sudo telnet -d localhost 22  
[sudo] password for lemp:  
Trying 127.0.0.1...  
telnet: Unable to connect to remote host: Connection refused  
lemp@u20-05:~$ sudo telnet opennet.ru 80  
Trying 217.65.3.21...  
Connected to opennet.ru.  
Escape character is '^]'.  
^CConnection closed by foreign host.  
lemp@u20-05:~$ sudo telnet india.colorado.edu 13  
Trying 128.138.140.44...  
Connected to india.colorado.edu.  
Escape character is '^]'.  
  
59835 22-09-13 07:59:22 50 0 0 920.9 UTC(NIST) *  
Connection closed by foreign host.  
lemp@u20-05:~$ █
```

```
lemp@u20-05: ~  
lemp@u20-05:~$ sudo curl -v http://mgpu.ru  
* Trying 37.230.157.233:80...  
* TCP_NODELAY set  
* Connected to mgpu.ru (37.230.157.233) port 80 (#0)  
> GET / HTTP/1.1  
> Host: mgpu.ru  
> User-Agent: curl/7.68.0  
> Accept: */*  
>  
* Mark bundle as not supporting multiuse  
< HTTP/1.1 301 Moved Permanently  
< Content-length: 0  
< Location: https://mgpu.ru/  
<  
* Connection #0 to host mgpu.ru left intact  
lemp@u20-05:~$
```

```
lemp@u20-05:~$ sudo curl -v https://mgpu.ru  
* Trying 37.230.157.233:443...  
* TCP_NODELAY set  
* Connected to mgpu.ru (37.230.157.233) port 443 (#0)  
* ALPN, offering h2  
* ALPN, offering http/1.1  
* successfully set certificate verify locations:  
* CAfile: /etc/ssl/certs/ca-certificates.crt  
* CAspace: /etc/ssl/certs  
* TLSv1.3 (OUT), TLS handshake, Client hello (1):  
* TLSv1.3 (IN), TLS handshake, Server hello (2):  
* TLSv1.3 (IN), TLS handshake, Encrypted Extensions (8):  
* TLSv1.3 (IN), TLS handshake, Certificate (11):  
* TLSv1.3 (IN), TLS handshake, CERT verify (15):
```

```
lemp@u20-05: ~  
ga('create', 'UA-59521239-1', 'auto');  
ga('send', 'pageview');  
  
<!-- Yandex.Metrika counter -->  
<script type="text/javascript" >  
  (function(m,e,t,r,i,k,a){m[i]=m[i]||function(){(m[i].a=m[i].a||[]).push(arguments)};  
    m[i].l=1*new Date();k=e.createElement(t),a=e.getElementsByTagName(t)[0],k.async=1,k.src=r,a.parentNode.insertBefore(k,a)})  
    (window, document, "script", "https://mc.yandex.ru/metrika/tag.js", "ym");  
  
    ym(10464136, "init", {  
      clickmap:true,  
      trackLinks:true,  
      accurateTrackBounce:true,  
      webvisor:true  
    });  
</script>  
<noscript><div></div></noscript>  
<!-- /Yandex.Metrika counter -->  
</body>  
* Connection #0 to host www.mgpu.ru left intact  
</html>lemp@u20-05:~$
```

```
lemp@u20-05: ~  
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):  
* old SSL session ID is stale, removing  
* Mark bundle as not supporting multiuse  
< HTTP/1.1 301 Moved Permanently  
< Content-length: 0  
< Location: https://www.mgpu.ru/  
<  
* Connection #0 to host mgpu.ru left intact  
lemp@u20-05:~$ sudo curl -v https://www.mgpu.ru/  
* Trying 37.230.157.233:443...  
* TCP_NODELAY set  
* Connected to www.mgpu.ru (37.230.157.233) port 443 (#0)  
* ALPN, offering h2  
* ALPN, offering http/1.1  
* successfully set certificate verify locations:  
* CAfile: /etc/ssl/certs/ca-certificates.crt  
* CApath: /etc/ssl/certs  
* TLSv1.3 (OUT), TLS handshake, Client hello (1):  
* TLSv1.3 (IN), TLS handshake, Server hello (2):  
* TLSv1.3 (IN), TLS handshake, Encrypted Extensions (8):  
* TLSv1.3 (IN), TLS handshake, Certificate (11):  
* TLSv1.3 (IN), TLS handshake, CERT verify (15):  
* TLSv1.3 (IN), TLS handshake, Finished (20):  
* TLSv1.3 (OUT), TLS change cipher, Change cipher spec (1):
```

```
>  
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):  
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):  
* old SSL session ID is stale, removing  
* Mark bundle as not supporting multiuse  
< HTTP/1.1 200 OK  
< Server: nginx/1.18.0 (Ubuntu)  
< Date: Tue, 13 Sep 2022 08:10:04 GMT  
< Content-Type: text/html; charset=UTF-8  
< Transfer-Encoding: chunked
```

```
lemp@u20-05: ~  
lemp@u20-05: ~ x lemp@u20-05: ~ x lemp@u20-05: ~ x  
> User-Agent: curl/7.68.0  
> Accept: */*  
>  
* Mark bundle as not supporting multiuse  
< HTTP/1.1 301 Moved Permanently  
< Server: QRATOR  
< Date: Tue, 13 Sep 2022 08:14:10 GMT  
< Content-Type: text/html  
< Content-Length: 162  
< Connection: keep-alive  
< Keep-Alive: timeout=15  
< Location: https://www.hse.ru/  
< Strict-Transport-Security: max-age=15552000  
< X-XSS-Protection: 1; mode=block; report=https://www.hse.ru/n/api/xss/report  
<  
<html>  
<head><title>301 Moved Permanently</title></head>  
<body>  
<center><h1>301 Moved Permanently</h1></center>  
<hr><center>nginx</center>  
</body>  
</html>  
* Connection #0 to host www.hse.ru left intact  
lemp@u20-05:~$
```



```
lemp@u20-05: ~  
lemp@u20-05: ~ x lemp@u20-05: ~ x lemp@u20-05: ~ x  
lemp@u20-05:~$ sudo curl -v https://www.hse.ru/  
sudo] password for lemp:  
Trying 178.248.234.104:443...  
TCP_NODELAY set  
Connected to www.hse.ru (178.248.234.104) port 443 (#0)  
ALPN, offering h2  
ALPN, offering http/1.1  
successfully set certificate verify locations:  
CAfile: /etc/ssl/certs/ca-certificates.crt  
CApath: /etc/ssl/certs  
TLSv1.3 (OUT), TLS handshake, Client hello (1):  
TLSv1.3 (IN), TLS handshake, Server hello (2):  
TLSv1.3 (IN), TLS handshake, Encrypted Extensions (8):  
TLSv1.3 (IN), TLS handshake, Certificate (11):  
TLSv1.3 (IN), TLS handshake, CERT verify (15):  
TLSv1.3 (IN), TLS handshake, Finished (20):  
TLSv1.3 (OUT), TLS change cipher, Change cipher spec (1):  
TLSv1.3 (OUT), TLS handshake, Finished (20):  
SSL connection using TLSv1.3 / TLS_AES_128_GCM_SHA256  
ALPN, server accepted to use h2  
Server certificate:  
subject: CN=*.hse.ru  
start date: Jan 21 00:00:00 2022 GMT  
expiry date: Feb 21 23:59:59 2023 GMT
```

```
lemp@u20-05: ~  
lemp@u20-05: ~ x lemp@u20-05: ~ x lemp@u20-05: ~ x  
* old SSL session ID is stale, removing  
* Connection state changed (MAX_CONCURRENT_STREAMS == 16)!  
< HTTP/2 302  
< server: QRATOR  
< date: Tue, 13 Sep 2022 08:16:11 GMT  
< content-type: text/html  
< content-length: 138  
< location: https://www.hse.ru/en/  
< expires: Tue, 13 Sep 2022 08:16:11 GMT  
< cache-control: max-age=0  
< strict-transport-security: max-age=15552000  
< x-xss-protection: 1; mode=block; report=https://www.hse.ru/n/api/xss/report  
< set-cookie: tracking=ZEsUBGMgPEtL38EyCWIOAg==; expires=Thu, 31-Dec-37 23:55:55  
GMT; domain=.hse.ru; path=/  
<  
<html>  
<head><title>302 Found</title></head>  
<body>  
<center><h1>302 Found</h1></center>  
<hr><center>nginx</center>  
</body>  
</html>  
* Connection #0 to host www.hse.ru left intact  
lemp@u20-05:~$
```

```
lemp@u20-05: ~  
lemp@u20-05: ~ x lemp@u20-05: ~ x lemp@u20-05: ~ x  
lemp@u20-05:~$ sudo curl -v https://www.hse.ru/en/  
* Trying 178.248.234.104:443...  
* TCP_NODELAY set  
* Connected to www.hse.ru (178.248.234.104) port 443 (#0)  
* ALPN, offering h2  
* ALPN, offering http/1.1  
* successfully set certificate verify locations:  
* CAfile: /etc/ssl/certs/ca-certificates.crt  
* CApath: /etc/ssl/certs  
* TLSv1.3 (OUT), TLS handshake, Client hello (1):  
* TLSv1.3 (IN), TLS handshake, Server hello (2):  
* TLSv1.3 (IN), TLS handshake, Encrypted Extensions (8):  
* TLSv1.3 (IN), TLS handshake, Certificate (11):  
* TLSv1.3 (IN), TLS handshake, CERT verify (15):  
* TLSv1.3 (IN), TLS handshake, Finished (20):  
* TLSv1.3 (OUT), TLS change cipher, Change cipher spec (1):  
* TLSv1.3 (OUT), TLS handshake, Finished (20):  
* SSL connection using TLSv1.3 / TLS_AES_128_GCM_SHA256  
* ALPN, server accepted to use h2  
* Server certificate:  
* subject: CN=*.hse.ru  
* start date: Jan 21 00:00:00 2022 GMT  
* expire date: Feb 21 23:59:59 2023 GMT  
* subjectAltName: host "www.hse.ru" matched cert's "*.hse.ru"
```

```
lemp@u20-05: ~  
lemp@u20-05: ~ x lemp@u20-05: ~ x lemp@u20-05: ~ x  
* TLSv1.3 (OUT), TLS handshake, Client hello (1):  
* TLSv1.3 (IN), TLS handshake, Server hello (2):  
* TLSv1.3 (IN), TLS handshake, Encrypted Extensions (8):  
* TLSv1.3 (IN), TLS handshake, Certificate (11):  
* TLSv1.3 (IN), TLS handshake, CERT verify (15):  
* TLSv1.3 (IN), TLS handshake, Finished (20):  
* TLSv1.3 (OUT), TLS change cipher, Change cipher spec (1):  
* TLSv1.3 (OUT), TLS handshake, Finished (20):  
* SSL connection using TLSv1.3 / TLS_AES_128_GCM_SHA256  
* ALPN, server accepted to use h2  
* Server certificate:  
* subject: CN=*.hse.ru  
* start date: Jan 21 00:00:00 2022 GMT  
* expire date: Feb 21 23:59:59 2023 GMT  
* subjectAltName: host "www.hse.ru" matched cert's "*.hse.ru"  
* issuer: C=GB; ST=Greater Manchester; L=Salford; O=Sectigo Limited; CN=Sectigo  
RSA Domain Validation Secure Server CA  
* SSL certificate verify ok.  
* Using HTTP2, server supports multi-use  
* Connection state changed (HTTP/2 confirmed)  
* Copying HTTP/2 data in stream buffer to connection buffer after upgrade: len=0  
* Using Stream ID: 1 (easy handle 0x55965d9c22f0)  
> GET /en/ HTTP/2  
> Host: www.hse.ru
```

```
lemp@u20-05: ~  
lemp@u20-05: ~ x lemp@u20-05: ~ x lemp@u20-05: ~ x  
* TLSv1.3 (OUT), TLS change cipher, Change cipher spec (1):  
* TLSv1.3 (OUT), TLS handshake, Finished (20):  
* SSL connection using TLSv1.3 / TLS_AES_128_GCM_SHA256  
* ALPN, server accepted to use h2  
* Server certificate:  
* subject: CN=*.hse.ru  
* start date: Jan 21 00:00:00 2022 GMT  
* expire date: Feb 21 23:59:59 2023 GMT  
* subjectAltName: host "www.hse.ru" matched cert's "*.hse.ru"  
* issuer: C=GB; ST=Greater Manchester; L=Salford; O=Sectigo Limited; CN=Sectigo  
RSA Domain Validation Secure Server CA  
* SSL certificate verify ok.  
* Using HTTP2, server supports multi-use  
* Connection state changed (HTTP/2 confirmed)  
* Copying HTTP/2 data in stream buffer to connection buffer after upgrade: len=0  
* Using Stream ID: 1 (easy handle 0x55965d9c22f0)  
> GET /en/ HTTP/2  
> Host: www.hse.ru  
> user-agent: curl/7.68.0  
> accept: */*  
>  
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):  
* TLSv1.3 (IN), TLS handshake, Newsession Ticket (4):  
* old SSL session ID is stale, removing
```

```
lemp@u20-05: ~  
lemp@u20-05:~$ sudo apt update && sudo apt install -y nginx  
[sudo] password for lemp:  
Hit:1 http://ru.archive.ubuntu.com/ubuntu focal InRelease  
Get:2 http://ru.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]  
Get:3 http://ru.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]  
Hit:4 https://dl.google.com/linux/chrome/deb stable InRelease  
Hit:5 http://deb.anydesk.com all InRelease  
Hit:6 http://ppa.launchpad.net/serge-rider/dbeaver-ce/ubuntu focal InRelease  
Hit:7 https://download.docker.com/linux/ubuntu focal InRelease  
Get:8 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]  
Get:9 http://ru.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2080 kB]  
Get:10 http://ru.archive.ubuntu.com/ubuntu focal-updates/main i386 Packages [717 kB]  
Get:11 http://ru.archive.ubuntu.com/ubuntu focal-updates/main amd64 DEP-11 Metadata [277 kB]  
Get:12 http://ru.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [950 kB]  
Get:13 http://ru.archive.ubuntu.com/ubuntu focal-updates/universe amd64 DEP-11 Metadata [392 kB]  
Get:14 http://ru.archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 DEP-11 Metadata [944 B]  
Get:15 http://ru.archive.ubuntu.com/ubuntu focal-backports/main amd64 DEP-11 Metadata [7980 B]
```



```
lemp@u20-05: ~  
lemp@u20-05:~$ ls -l /etc/nginx/sites-enabled/  
ls: cannot access '/etc/nginx/sites-enabled/': No such file or directory  
lemp@u20-05:~$ ls -l /etc/nginx/sites-available/  
ls: cannot access '/etc/nginx/sites-available/': No such file or directory  
lemp@u20-05:~$ sudo apt update && sudo apt install -y nginx  
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]  
Hit:2 http://deb.anydesk.com all InRelease  
Hit:3 https://dl.google.com/linux/chrome/deb stable InRelease  
Hit:4 http://ppa.launchpad.net/serge-rider/dbeaver-ce/ubuntu focal InRelease  
Hit:5 https://download.docker.com/linux/ubuntu focal InRelease  
Err:6 http://ru.archive.ubuntu.com/ubuntu focal InRelease  
  Cannot initiate the connection to ru.archive.ubuntu.com:80 (2a02:6b8::183). -  
  connect (101: Network is unreachable) Could not connect to ru.archive.ubuntu.com  
  :80 (213.180.204.183), connection timed out  
Err:7 http://ru.archive.ubuntu.com/ubuntu focal-updates InRelease  
  Cannot initiate the connection to ru.archive.ubuntu.com:80 (2a02:6b8::183). -  
  connect (101: Network is unreachable)  
Err:8 http://ru.archive.ubuntu.com/ubuntu focal-backports InRelease  
  Cannot initiate the connection to ru.archive.ubuntu.com:80 (2a02:6b8::183). -  
  connect (101: Network is unreachable)  
Fetched 114 kB in 30s (3 744 B/s)  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done
```

```
lemp@u20-05: ~
Unpacking nginx-core (1.18.0-0ubuntu1.3) ...
Selecting previously unselected package nginx.
Preparing to unpack .../6-nginx_1.18.0-0ubuntu1.3_all.deb ...
Unpacking nginx (1.18.0-0ubuntu1.3) ...
Setting up nginx-common (1.18.0-0ubuntu1.3) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib
/systemd/system/nginx.service.
Setting up libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-mail (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-stream (1.18.0-0ubuntu1.3) ...
Setting up nginx-core (1.18.0-0ubuntu1.3) ...
Setting up nginx (1.18.0-0ubuntu1.3) ...
Processing triggers for systemd (245.4-4ubuntu3.17) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for ufw (0.36-6ubuntu1) ...
lemp@u20-05:~$ ls -l /etc/nginx/sites-enabled/
total 0
lrwxrwxrwx 1 root root 34 ceh 13 11:34 default -> /etc/nginx/sites-available/default
lemp@u20-05:~$ ls -l /etc/nginx/sites-available/
total 4
-rw-r--r-- 1 root root 2416 map 26 2020 default
lemp@u20-05:~$
```



```
lemp@u20-05: ~  
Selecting previously unselected package nginx.  
Preparing to unpack .../6-nginx_1.18.0-0ubuntu1.3_all.deb ...  
Unpacking nginx (1.18.0-0ubuntu1.3) ...  
Setting up nginx-common (1.18.0-0ubuntu1.3) ...  
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib  
/systemd/system/nginx.service.  
Setting up libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1.3) ...  
Setting up libnginx-mod-mail (1.18.0-0ubuntu1.3) ...  
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1.3) ...  
Setting up libnginx-mod-stream (1.18.0-0ubuntu1.3) ...  
Setting up nginx-core (1.18.0-0ubuntu1.3) ...  
Setting up nginx (1.18.0-0ubuntu1.3) ...  
Processing triggers for systemd (245.4-4ubuntu3.17) ...  
Processing triggers for man-db (2.9.1-1) ...  
Processing triggers for ufw (0.36-6ubuntu1) ...  
lemp@u20-05:~$ ls -l /etc/nginx/sites-enabled/  
total 0  
lrwxrwxrwx 1 root root 34 сен 13 11:34 default -> /etc/nginx/sites-available/def  
ault  
lemp@u20-05:~$ ls -l /etc/nginx/sites-available/  
total 4  
-rw-r--r-- 1 root root 2416 map 26 2020 default  
lemp@u20-05:~$ sudo rm /etc/nginx/sites-enabled/default  
lemp@u20-05:~$
```

```
lemp@u20-05: ~  
Unpacking nginx (1.18.0-0ubuntu1.3) ...  
Setting up nginx-common (1.18.0-0ubuntu1.3) ...  
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib/  
/systemd/system/nginx.service.  
Setting up libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1.3) ...  
Setting up libnginx-mod-mail (1.18.0-0ubuntu1.3) ...  
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1.3) ...  
Setting up libnginx-mod-stream (1.18.0-0ubuntu1.3) ...  
Setting up nginx-core (1.18.0-0ubuntu1.3) ...  
Setting up nginx (1.18.0-0ubuntu1.3) ...  
Processing triggers for systemd (245.4-4ubuntu3.17) ...  
Processing triggers for man-db (2.9.1-1) ...  
Processing triggers for ufw (0.36-6ubuntu1) ...  
lemp@u20-05:~$ ls -l /etc/nginx/sites-enabled/  
total 0  
lrwxrwxrwx 1 root root 34 сен 13 11:34 default -> /etc/nginx/sites-available/def  
ault  
lemp@u20-05:~$ ls -l /etc/nginx/sites-available/  
total 4  
-rw-r--r-- 1 root root 2416 map 26 2020 default  
lemp@u20-05:~$ sudo rm /etc/nginx/sites-enabled/default  
lemp@u20-05:~$ sudo mkdir -p /var/www/simple_static  
lemp@u20-05:~$ sudo chown lemp /var/www/simple_static  
lemp@u20-05:~$
```

```
lemp@u20-05: /var/www/simple_static
Setting up nginx-common (1.18.0-0ubuntu1.3) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib
/systemd/system/nginx.service.
Setting up libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-mail (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-stream (1.18.0-0ubuntu1.3) ...
Setting up nginx-core (1.18.0-0ubuntu1.3) ...
Setting up nginx (1.18.0-0ubuntu1.3) ...
Processing triggers for systemd (245.4-4ubuntu3.17) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for ufw (0.36-6ubuntu1) ...
lemp@u20-05:~$ ls -l /etc/nginx/sites-enabled/
total 0
lrwxrwxrwx 1 root root 34 сен 13 11:34 default -> /etc/nginx/sites-available/default
lemp@u20-05:~$ ls -l /etc/nginx/sites-available/
total 4
-rw-r--r-- 1 root root 2416 map 26 2020 default
lemp@u20-05:~$ sudo rm /etc/nginx/sites-enabled/default
lemp@u20-05:~$ sudo mkdir -p /var/www/simple_static
lemp@u20-05:~$ sudo chown lemp /var/www/simple_static
lemp@u20-05:~$ cd /var/www/simple_static
lemp@u20-05:/var/www/simple_static$
```

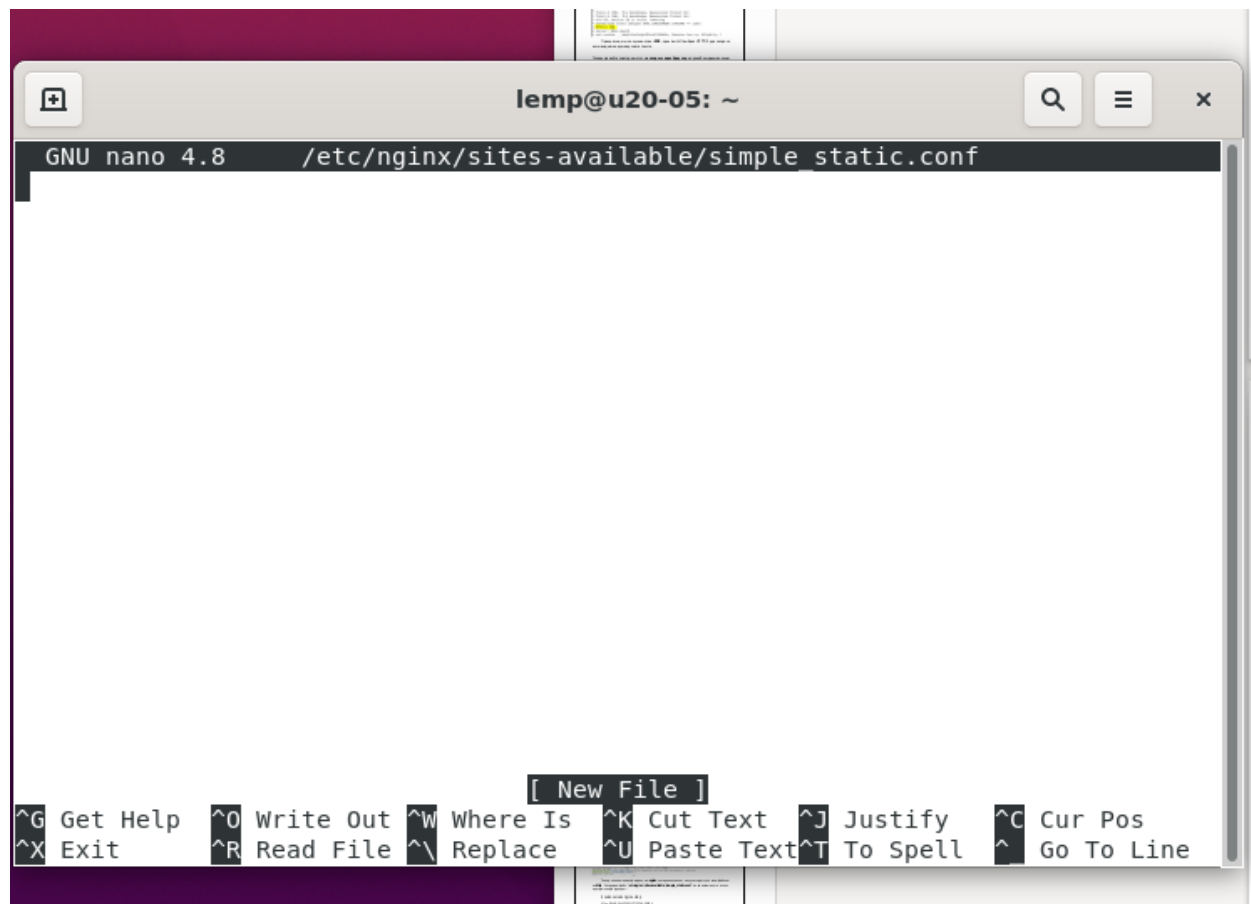
```
lemp@u20-05: /var/www/simple_static
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib
/systemd/system/nginx.service.
Setting up libnginx-mod-http-xslt-filter (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-mail (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-stream (1.18.0-0ubuntu1.3) ...
Setting up nginx-core (1.18.0-0ubuntu1.3) ...
Setting up nginx (1.18.0-0ubuntu1.3) ...
Processing triggers for systemd (245.4-4ubuntu3.17) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for ufw (0.36-6ubuntu1) ...
lemp@u20-05:~$ ls -l /etc/nginx/sites-enabled/
total 0
lrwxrwxrwx 1 root root 34 сен 13 11:34 default -> /etc/nginx/sites-available/default
lemp@u20-05:~$ ls -l /etc/nginx/sites-available/
total 4
-rw-r--r-- 1 root root 2416 map 26 2020 default
lemp@u20-05:~$ sudo rm /etc/nginx/sites-enabled/default
lemp@u20-05:~$ sudo mkdir -p /var/www/simple_static
lemp@u20-05:~$ sudo chown lemp /var/www/simple_static
lemp@u20-05:~$ cd /var/www/simple_static
lemp@u20-05:/var/www/simple_static$ curl https://www.google.com/images/branding/
googlelogo/2x/googlelogo_color_272x92dp.png > google.png
```

```
lemp@u20-05: /var/www/simple_static
Setting up libnginx-mod-http-image-filter (1.18.0-0ubuntu1.3) ...
Setting up libnginx-mod-stream (1.18.0-0ubuntu1.3) ...
Setting up nginx-core (1.18.0-0ubuntu1.3) ...
Setting up nginx (1.18.0-0ubuntu1.3) ...
Processing triggers for systemd (245.4-4ubuntu3.17) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for ufw (0.36-6ubuntu1) ...
lemp@u20-05:~$ ls -l /etc/nginx/sites-enabled/
total 0
lrwxrwxrwx 1 root root 34 сен 13 11:34 default -> /etc/nginx/sites-available/default
lemp@u20-05:~$ ls -l /etc/nginx/sites-available/
total 4
-rw-r--r-- 1 root root 2416 Map 26 2020 default
lemp@u20-05:~$ sudo rm /etc/nginx/sites-enabled/default
lemp@u20-05:~$ sudo mkdir -p /var/www/simple_static
lemp@u20-05:~$ sudo chown lemp /var/www/simple_static
lemp@u20-05:~$ cd /var/www/simple_static
lemp@u20-05:/var/www/simple_static$ curl https://www.google.com/images/branding/googlelogo/2x/googlelogo_color_272x92dp.png > google.png
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload  Total  Spent    Left  Speed
100 13504  100 13504    0     0  128k      0  --:--:-- --:--:-- --:--:--  126k
lemp@u20-05:/var/www/simple_static$
```

```
lemp@u20-05: /var/www/simple_static
Setting up nginx-core (1.18.0-0ubuntu1.3) ...
Setting up nginx (1.18.0-0ubuntu1.3) ...
Processing triggers for systemd (245.4-4ubuntu3.17) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for ufw (0.36-6ubuntu1) ...
lemp@u20-05:~$ ls -l /etc/nginx/sites-enabled/
total 0
lrwxrwxrwx 1 root root 34 сен 13 11:34 default -> /etc/nginx/sites-available/default
lemp@u20-05:~$ ls -l /etc/nginx/sites-available/
total 4
-rw-r--r-- 1 root root 2416 Map 26 2020 default
lemp@u20-05:~$ sudo rm /etc/nginx/sites-enabled/default
lemp@u20-05:~$ sudo mkdir -p /var/www/simple_static
lemp@u20-05:~$ sudo chown lemp /var/www/simple_static
lemp@u20-05:~$ cd /var/www/simple_static
lemp@u20-05:/var/www/simple_static$ curl https://www.google.com/images/branding/googlelogo/2x/googlelogo_color_272x92dp.png > google.png
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload  Total  Spent    Left  Speed
100 13504  100 13504    0     0  128k      0  --:--:-- --:--:-- --:--:--  126k
lemp@u20-05:/var/www/simple_static$ printf "<body>This is our first html file</body>\n" > index.html
lemp@u20-05:/var/www/simple_static$
```



```
lemp@u20-05:/var/www/simple_static$ ls
google.png  index.html
lemp@u20-05:/var/www/simple_static$
```



```
lemp@u20-05: ~
GNU nano 4.8 /etc/nginx/sites-available/simple_static.conf

[ New File ]
^G Get Help  ^O Write Out ^W Where Is  ^K Cut Text  ^J Justify   ^C Cur Pos
^X Exit      ^R Read File ^\ Replace   ^U Paste Text ^T To Spell  ^_ Go To Line
```



```
lemp@u20-05: ~
Dload Upload Total Spent Left Speed
100 13504 100 13504 0 0 128k 0 --:--:-- --:--:-- --:--:-- 126k
lemp@u20-05:/var/www/simple_static$ printf "<body>This is our first html file</body>\n" > index.html
lemp@u20-05:/var/www/simple_static$ ls
google.png  index.html
lemp@u20-05:/var/www/simple_static$ sudo service nginx stop
lemp@u20-05:/var/www/simple_static$ cd
lemp@u20-05:~$ sudo nano /etc/nginx/sites-available/simple_static.conf
lemp@u20-05:~$ cd /etc/nginx/
lemp@u20-05:/etc/nginx$ sudo ln sites-available/simple_static.conf sites-
lemp@u20-05:/etc/nginx$ sudo ln sites-available/simple_static.conf sitesenabled/
simple_static.conf
ln: failed to create hard link 'sitesenabled/simple_static.conf' => 'sites-avail
able/simple_static.conf': No such file or directory
lemp@u20-05:/etc/nginx$ sudo ln sites-available/simple_static.conf sites-enabled
/simple_static.conf
lemp@u20-05:/etc/nginx$ sudo nginx -t
nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful
lemp@u20-05:/etc/nginx$ cd
lemp@u20-05:~$ sudo nano /etc/nginx/sites-available/simple_static.conf
lemp@u20-05:~$ sudo service nginx start
lemp@u20-05:~$
```

