Task 1

1.1

See git

https://github.com/YousefMohsen/sp2

1.2:

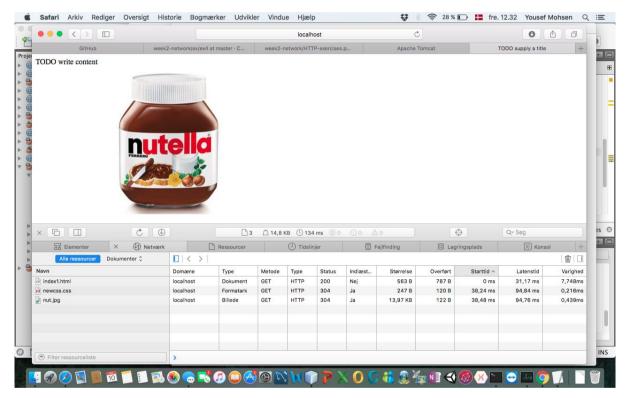
- 1) What is the ip address of your wireless card? 192.168.0.40
- 2) What is the DNS server address?

193.162.153.164

3) What is the MAC address?

9C-D2-1E-2A-5A-4F

Task 2



Task 3

Part 1: Deploying a HTTP server

```
# a You should look at the following URL's in order to grasp a solid understanding # of Nginx configuration files in order to fully unleash the power of Nginx. # http://wklk.nginx.org/Pitalfix # http://wklk.nginx.org/PolicKstart # http://wklk.nginx.org/PolicKstart # http://wklk.nginx.org/Onligration
 # Generally, you will want to move this file somewhere, and start with a clean # file but keep this around for reference. Or just disable in sites-enabled.
 # Please see /usr/share/doc/nginx-doc/examples/ for more detailed examples. ##
# Default server configuration
server {
    #listen 80 default_server;
    #listen [::]:80 default_server;
            # SSL configuration
             listen 443 ssl default_server;
listen [::]:443 ssl default_server;
ssl on;
ssl_certificate /etc/letsencrypt/live/138.68.93.230.xip.io/fullchain.pem;
ssl_certificate_key /etc/letsencrypt/live/138.68.93.230.xip.io/privkey.pem;
            #
Note: You should disable gzip for SSL traffic.
# See: https://bugs.debian.org/773332
             #
# Read up on ssl_ciphers to ensure a secure configuration.
# See: https://bugs.debian.org/765782
             #
# Self signed certs generated by the ssl-cert package
# Don't use them in a production server!
            #
# include snippets/snakeoil.conf;
            root /var/www/html;
            # Add index.php to the list if you are using PHP index index.html index.htm index.nginx-debian.html;
            server name :
            # pass the PHP scripts to FastCGI server listening on 127.0.0.1:9000 _{\rm g}
            #location ~ \.php$ {
# include snippets/fastcgi-php.conf;
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```

Tell nginx to listen to http requests on port 80 and to "reverse redirect" the client to port 443 with a httpS connection

```
server_name _;
location / {
    # First attempt to serve request as file, then
    # as directory, then fall back to displaying a 404.
    #try_files $uri $uri/ =404;
    proxy_pass http://127.0.0.1:8080;
}
# pass the PHP scripts to FastCGI server listening on 127 0 0 1:0000
```

Tell nginx to locally redirect traffic coming from port 443 to port 8080 where Tomcat is listening

```
Connector port="8080" protocol="HTTP/1.1"
    address="localhost"
    connectionTimeout="20000"
    URIEncoding="UTF-8"
    redirectPort="8443" />
<!-- A "Connector" using the shared thread pool--->
```

Tell tomcat to only listen to connections locally.

https://138.68.93.230.xip.io/toDeleteCafe/

It works :-)

Task 4

Tjek repository https://github.com/YousefMohsen/sp2

Task 5

Application:

https://138.68.93.230.xip.io/sp2task5/

```
File: Cefoult

You should look at the following URL's in order to grasp a solid understanding
of Major configuration files in order to fully unleash the power of Major.

Attack/Major.com/Gooffiguration

**Ganarolly, you will want to sove this file somewhere, and start with a clean
file but keep this around for reference, Un just disable in sites-enabled.

**Please see /usr/shore/doc/major.coc/examples/ for more detailed examples.

**Default server configuration

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