When we run the nexaweb launcher, if you get the below exception in your user/.nexaweb/logs/xxx.log.

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

javax.net.ssl.SSLHandshakeException: sun.security.validator.ValidatorException: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException:

unable to find valid certification path to requested target.

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

Means you use the self-signed certificate, need to import the https certificate to java trust store.

1. Export https certificate first.

Input your server address to browser (Chrome or others), for example, I input https://www.google.co.uk.

Graphical user interface, application

Description automatically generated

Click “lock” icon:

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

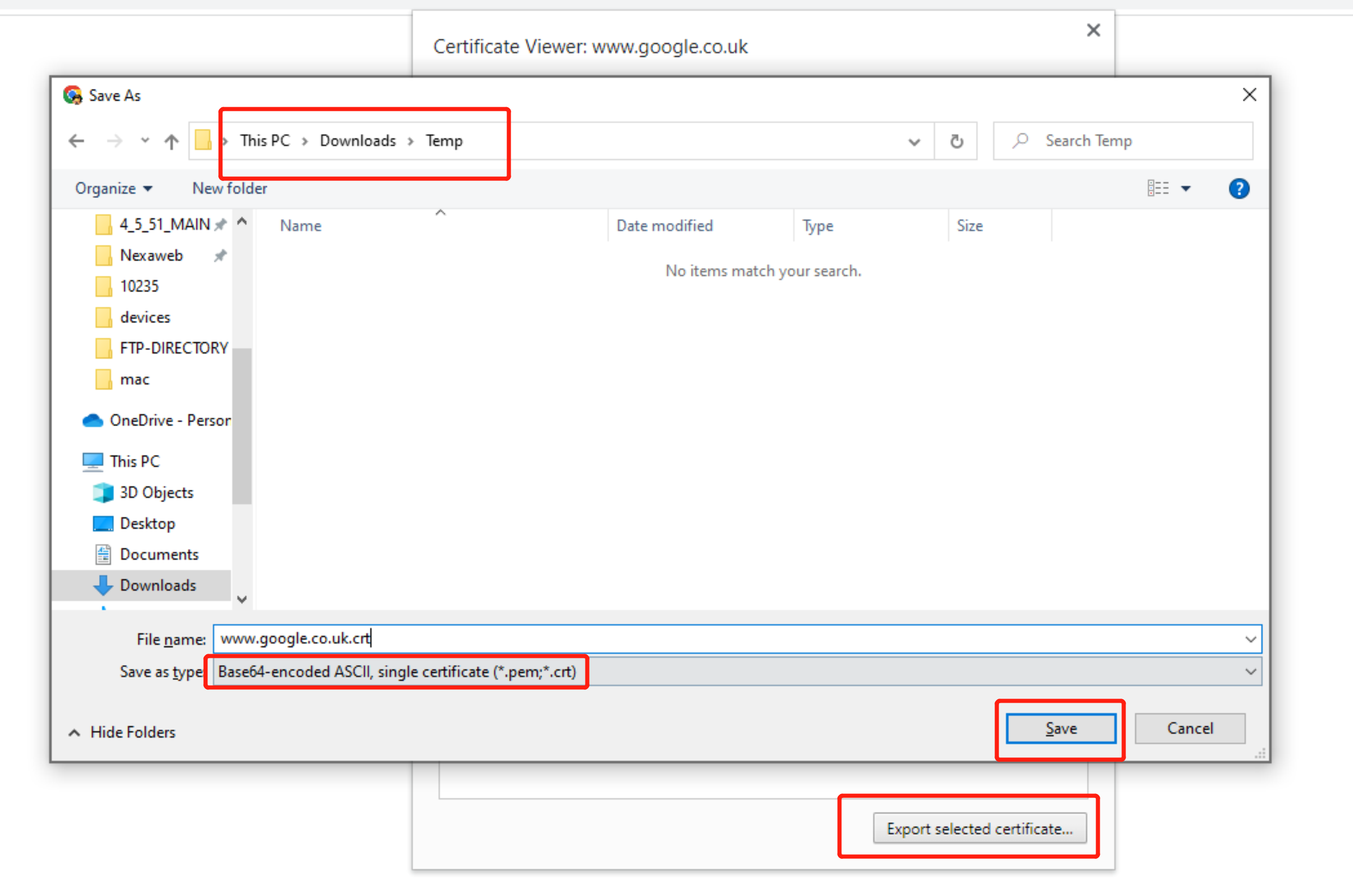
Description automatically generated

Click “Certificate is valid”, and “Details”, you can find “Export selected Certificate”.

Graphical user interface, application

Description automatically generated

Export the certificate.

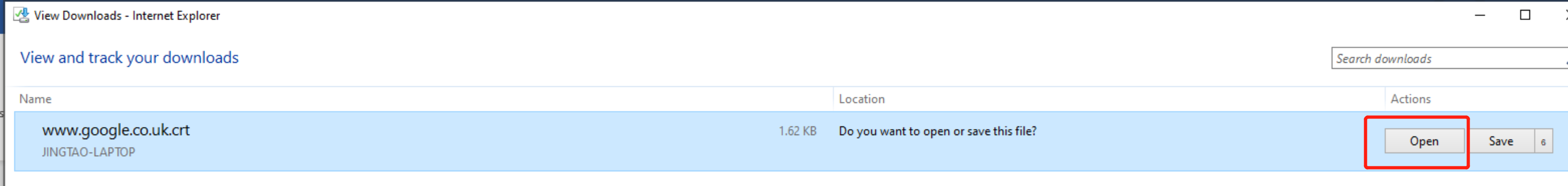


Go to the certificate file, we need to transfer .crt to .cer type. left menu -> Open with Internet Explorer.

Graphical user interface, text, application

Description automatically generated

Open:



Graphical user interface, text, application

Description automatically generated

Details->Copy to File...

Graphical user interface, text, application

Description automatically generated

Export certificate as cert type:

Graphical user interface, text, application, email

Description automatically generated

Select Base-64 encoded X.509(.CER) and Next.

Graphical user interface, text, application

Description automatically generated

Save to your path:

Graphical user interface, application

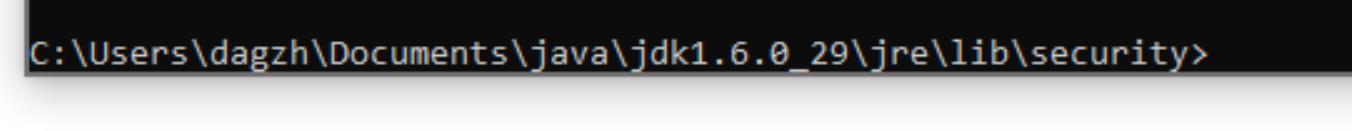
Description automatically generated

Finish, you will get the \*.cer type certificate file:

Graphical user interface, text, application, email

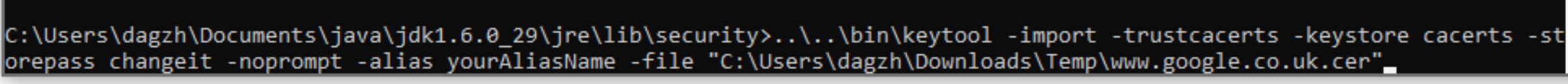
Description automatically generated

Go to command line and your jre\lib\security path.

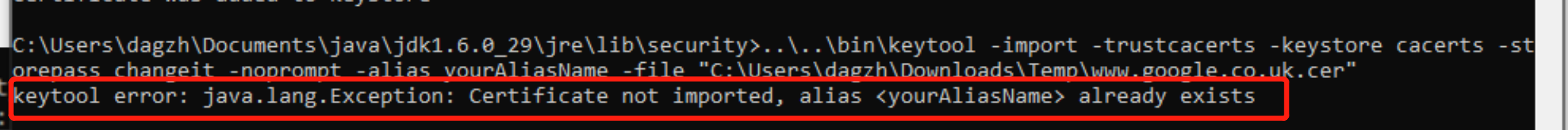


Run the below command:

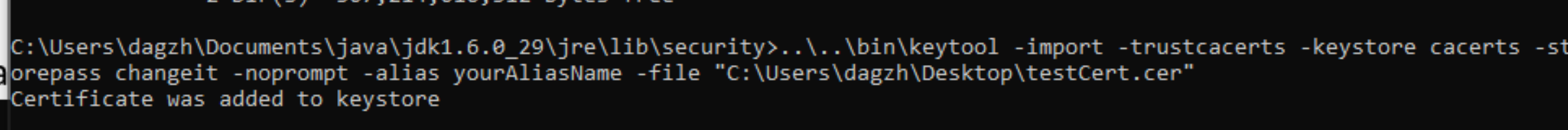
..\..\bin\keytool -import -trustcacerts -keystore cacerts -storepass changeit -noprompt -alias yourAliasName -file "C:\Users\dagzh\Downloads\Temp\www.google.co.uk.cer"



In my sample, since the certificate has exited, so it said alias already exists.



If you import your self-signed, you will get “Certificate was added to keystore”.



Go to file explore, cacerts has been updated, your self-sign certificate has been added, you can check modified date.

Graphical user interface

Description automatically generated with low confidence

Copy this file to nexaweb launcher installed path\security\

Graphical user interface, text, application, email

Description automatically generated

And add the below to runNexaweb.jsp in your project.

Just kind reminder, please add this line to screenshot position.

jvmarg =-Djavax.net.ssl.trustStore=C:\Program Files (x86)\Nexaweb\NexawebLauncher\security\cacerts

Graphical user interface, text, application, email

Description automatically generated

Run launcher again, good luck.