**Assignmennt no -6 (OPEN SSL TOOLKIT)**

Microsoft Windows [Version 10.0.26100.3775]

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C:\Users\user5>C:\xampp\apache\bin\openssl.exe genrsa -out server.key 2048

C:\Users\user5>cd C:\xampp\apache\bin

C:\xampp\apache\bin>.\openssl.exe genrsa -out server.key 2048

C:\xampp\apache\bin>.\openssl.exe req -new -key server.key -out server.csr

Can't open "C:\Apache24\conf/openssl.cnf" for reading, No such file or directory

BC320000:error:80000003:system library:BIO\_new\_file:No such process:crypto\bio\bss\_file.c:67:calling fopen(C:\Apache24\conf/openssl.cnf, r)

BC320000:error:10000080:BIO routines:BIO\_new\_file:no such file:crypto\bio\bss\_file.c:75:

C:\xampp\apache\bin>.\openssl.exe x509 -req -days 365 -in server.csr -signkey server.key -out server.crt

Can't open "server.csr" for reading, No such file or directory

682B0000:error:80000002:system library:BIO\_new\_file:No such file or directory:crypto\bio\bss\_file.c:67:calling fopen(server.csr, r)

682B0000:error:10000080:BIO routines:BIO\_new\_file:no such file:crypto\bio\bss\_file.c:75:

Unable to load certificate request input

C:\xampp\apache\bin>.\openssl.exe req -new -key server.key -out server.csr

Can't open "C:\Apache24\conf/openssl.cnf" for reading, No such file or directory

A0100000:error:80000003:system library:BIO\_new\_file:No such process:crypto\bio\bss\_file.c:67:calling fopen(C:\Apache24\conf/openssl.cnf, r)

A0100000:error:10000080:BIO routines:BIO\_new\_file:no such file:crypto\bio\bss\_file.c:75:

C:\xampp\apache\bin>.\openssl.exe req -new -key server.key -out server.csr -config "C:\xampp\apache\conf\openssl.cnf"

You are about to be asked to enter information that will be incorporated

into your certificate request.

What you are about to enter is what is called a Distinguished Name or a DN.

There are quite a few fields but you can leave some blank

For some fields there will be a default value,

If you enter '.', the field will be left blank.

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Country Name (2 letter code) [AU]:IN

State or Province Name (full name) [Some-State]:Maharashtra

Locality Name (eg, city) []:Ahilya Nagar

Organization Name (eg, company) [Internet Widgits Pty Ltd]:SCOE

Organizational Unit Name (eg, section) []:IT

Common Name (e.g. server FQDN or YOUR name) []:localhost

Email Address []:omkarrode8191@gmail.com

Please enter the following 'extra' attributes

to be sent with your certificate request

A challenge password []:Omkar@123

An optional company name []:SCOE

C:\xampp\apache\bin>.\openssl.exe x509 -req -days 365 -in server.csr -signkey server.key -out server.crt

Certificate request self-signature ok

subject=C = IN, ST = Maharashtra, L = Ahilya Nagar, O = SCOE, OU = IT, CN = localhost, emailAddress = omkarrode8191@gmail.com

C:\xampp\apache\bin>C:\xampp\apache\conf\extra\httpd-ssl.conf

C:\xampp\apache\bin>C:\xampp\apache\conf\httpd.conf

C:\xampp\apache\bin>

