1. openssl req -newkey rsa:2048 -nodes -keyout key.pem -x509 -days 365 -out certificate.pem – to generate a new private key and public certificate
2. openssl x509 -text -noout -in certificate.pem – to display the above created certificate.
3. openssl x509 -in YourCertificateName.pem -fingerprint -noout – to retrieve the SHA1 fingerprint.
4. openssl x509 -in kaushikcertificate.pem -fingerprint -noout -sha256 – to retrieve the SHA256 fingerprint.

**Links:**

<https://slproweb.com/products/Win32OpenSSL.html>

<https://www.youtube.com/watch?v=TjNq7lFt-t0&feature=youtu.be>