Q. To create , Export and validate a Digital Certificate.

Aim: To write a code to create , Export and validate a Digital Certificate.

Steps :

1. Download and open ssl.
2. Add its bin path in envirnment variable.
3. Open command prompt.

Program:

   C:\user\desktop>open reg-509 –day 365 –newkey rsa:204:keyout private-key pem-out certificate.pem

Enter PEM Pass : 123456

Country Name (2 letter code): IN

State or ProvinceName (Full Name):Mharashtra

Locality Name[]: Mumbai

Organization Name : SIWS

Organization Unit Name : iT

Comman name :TMD

Email Address cs: vishwakarmakhushi442@gmail.com

C:\user\desktop>openssl pkcs12 –export –in certificate pem –inkey private-key.pem -out TMD.pfx

Enter Export Password:123456

Verifying – Enter Export Password:123456

>openssl pkcs12 –inTMD.pfx -clcerts –nokey – out public-key.pem

Enter Import password:123456

Import the certificate.

Result:

Conclusion: The above certificate is done successfully.