1)download apache http server from apache site

2)generate certificate following the below site from apache bin folder

http://blog.didierstevens.com/2008/12/30/howto-make-your-own-cert-with-openssl/

i)first generate the secret key file

**openssl genrsa -out ca.key 4096**

**ii)then generate the crt file**

**openssl req -new -x509 -days 1826 -key ca.key -out ca.crt**

**3)Copy this content in to conf/httpd.conf file**

RewriteEngine On

RewriteCond %{HTTPS} !=on

RewriteRule ^/?(.\*) https://%{SERVER\_NAME}/$1 [R,L]

RewriteEngine On

RewriteCond %{HTTPS} !=on

RewriteRule ^/?(.\*) https://%{SERVER\_NAME}:8443/$1 [R,L]

4) then go to command prompt …. Move to apache > bin folder

5)start the httpd

6)type the http url without port number of your site

<http://localhost/firstapp/first.jsp>

then it will redirect to https url

<https://localhost:8443/firstapp/first.jsp>