HTTPS Project

Objectives:

- Create a certificate authority
- Create certificates
- Install certificates in web server
- Configure web server to use HTTPS

Description:

- Configure 8 virtual hosts to have HTTPS portions to their web sites.

Requirements:

- Configure your earlier created virtual hosts from projects 1,2, and 3 to be secure. It is ok if you don’t have a score for the earlier assignments yet.
  - iiscs
  - Running on IIS, self-signed
  - apachecs
  - Running on Apache, self-signed
  - nginxcs
  - Running on nginx, you should sign the cert from another machine of yours
  - apacheit
  - Running on Apache, signed by [https://letsencrypt.org/](https://letsencrypt.org/)
  - nginxit
  - Running on nginx, signed by [https://letsencrypt.org/](https://letsencrypt.org/)
  - apacheweb
  - Running on Apache, signed by someone else in the class
  - nginxweb
  - Running on nginx, signed by someone else in the class

Check off procedure:

This will be passed off in class. You should have your browser open to each of the websites with the certificate information viewable.