

LAB3

/*

Create a https server which is listen to 3000 port. The home page “/” which displays an html page which one input to enter any text message,

after click “Submit” button, the user’s inputs are stored in a local file on the server side. User will be redirect to home page after saving

successfully.

<https://nodejs.org/en/knowledge/HTTP/servers/how-to-create-a-HTTPS-server/>

*/

```
const http = require('https');
```

```
const fs = require('fs');
```

```
const path = require('path');
```

```
const options = {
```

```
  key: fs.readFileSync('./privatekey.key'),
```

```
  cert: fs.readFileSync('./certificate.crt')
```

```
};
```

```
const server = http.createServer(options, function(req, res) {
```

```
  const url = req.url;
```

```
  if(url === '/') {
```

```
    fs.createReadStream(path.join(__dirname, 'form.html')).pipe(res);
```

```
  } else if (url === '/save') {
```

```
    req.pipe(fs.createWriteStream(path.join(__dirname, 'user.txt')));
```

```
    fs.createReadStream(path.join(__dirname, 'index.html')).pipe(res);
```

```
  }
```

```
}).listen(3000);
```