TIC3001 Task 3

- Name: Ke Yule
- Student Number: A0211495H E0493826
- Github: https://github.com/keyule/3001-Task3

View the markdown version for better formatting at:
https://github.com/keyule/3001-Task3/blob/main/Report/report.md

Task 3 - Authentication & Authorization

> *Note: I basically just copied the youtube tutorial provided, but added a few things*

Set up

Auth Server: Port 4000

End Point	Type	Description
/users	GET	Returns all users
/register	POST	Creates a new user
/login	POST	Returns a JWT token and refresh token after login
/token	POST	Returns a new token
/logout	DELETE	Deletes the refresh token

Server: Port 3000

End Point	Type	Description
/posts	GET	Returns all posts of logged in user
/admin	GET	Admin Page for role: admin

Demo

Visiting /posts without logging in or without a token

```
GET http://localhost:3000/posts
```

```
HTTP/1.1 401 Unauthorized
X-Powered-By: Express
Content-Type: text/plain; charset=utf-8
Content-Length: 12
ETag: W/"c-dAuDFQrdjS3hezqxDTNgW7AOlYk"
Date: Mon, 17 Apr 2023 00:41:36 GMT
```

```
Connection: close

Unauthorized
```

Visiting /admin without logging in or without a token

```
GET http://localhost:3000/admin
```

```
HTTP/1.1 401 Unauthorized
X-Powered-By: Express
Content-Type: text/plain; charset=utf-8
Content-Length: 12
ETag: W/"c-dAuDFQrdjS3hezqxDTNgW7AOlYk"
Date: Mon, 17 Apr 2023 00:50:04 GMT
Connection: close

Unauthorized
```