**Day 5**

**OAuth : Open authentication : OAuth 1.x/2.x**

**Is an open standard for access delegation, typically used as a way to grant website or application resources without exposing their credentials.**

**Key component**

1. **Resource owner : the user who authorized an application or website to access there account.**
2. **Client : the application that want to access the user account. The client application need to get the permission from the resource owner.**
3. **Authentication server : the server that authenticate the resources owner and issue access token to the client.**
4. **Access token : A token that allow the client to access the resource server on the behalf of the resource owner.**

**Resource owner can be Google (gmail), Facebook, github etc.**

**Github :**

**In Github account please create OAuth Client Id and Client secret key.**

**mkdir express-github-oauth-app**

**cd express-github-oauth-app**

**npm init – y**

**npm install express express-session passport passport-github2**