**Angular 12 Note on Training**

**Section 4: Authentication Basics**

* **How to store pass in DB**
* **Using inheritance in C# DRY**
* **Using the C# debugger**
* **Using data transfer objects (DTOs)**
* **Validation**
* **JSON Web tokens (JWTs)**
* **Using services in C#**
* **Middleware**
* **Extension method DRY**

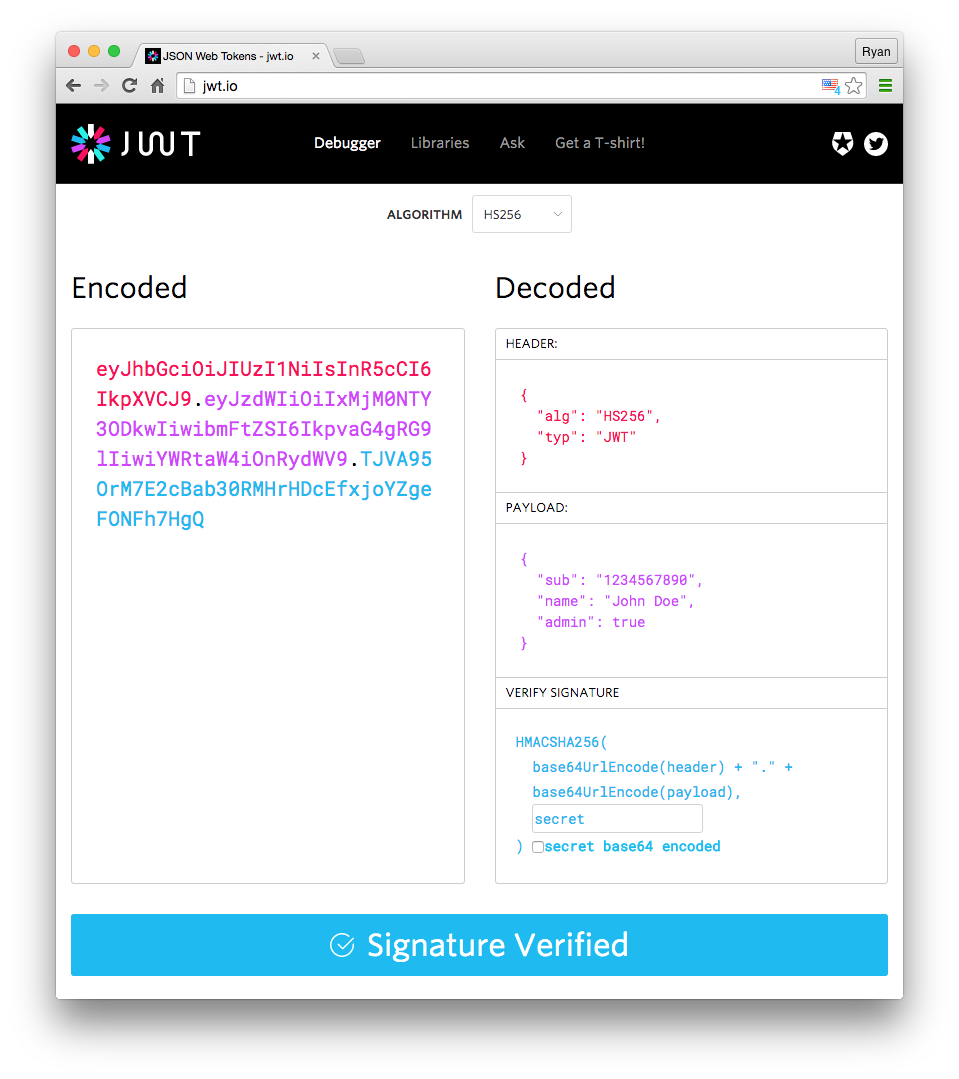
**Requirements**

**How to store pass in DB**

**We have to Hashing and Salting password method to store in db**

**JWT (JSON Web Token)**

**Format**



**Token Authentication**

**Client ---------send username & pass--------------------------------🡪 Server**

**< -------------validate credin and return JWT----------------------**

* **Client store JWT in web browser**
* **And in every request jwt also sent to server**
* **Server validate user without checking the database with that jwt**

**Advantage of JWT -----**

* **no session is require**
* **single token can be using with multiple backends**
* **mobile friendly**
* **performance**
* **no cookies require**