Google OAuth 2.0

We can add spring web, OAuth 2.0 client dependency.

First need to basic configuration

```java
@Configuration
@EnableWebSecurity
public class SecurityConfig {

    @Bean
    SecurityFilterChain securityFilterChain(HttpSecurity http) throws Exception {
        return http
                .authorizeHttpRequests(auth -> {
                    auth.requestMatchers("/").permitAll();
                    auth.requestMatchers("/favicon.ico").permitAll();
                    auth.anyRequest().authenticated();
                })
                .oauth2Login(withDefaults())
                .formLogin(withDefaults())
                .build();
    }

}
```

// now we need to register our application with google or other oauth provider to get client id and secret key.

For GitHub, go to settings -> developer settings -> oauth

For google, go to console.cloud.google.com

First setup oauth 2.0 consent screen and then go to credentials.

For redirect url:
http://localhost:8080/login/auth2/code/github

```
spring.security.oauth2.client.registration.github.client-id=GITHUB_CLIENT_ID
spring.security.oauth2.client.registration.github.client-secret=GITHUB_CLIENT_SECRET
#spring.security.oauth2.client.registration.github.scope=email, public_profile

# Google Login
spring.security.oauth2.client.registration.google.client-id=GOOGLE_CLIENT_ID
spring.security.oauth2.client.registration.google.client-secret=GOOGLE_CLIENT_SECRET
```