Quarkus Course -

```
openssl genrsa -out publicKey.pem
openssl pkcs8 -topk8 -inform PEM -in publicKey.pem -out privateKey.pem -nocrypt
openssl rsa -in publicKey.pem -pubout -outform PEM -out publicKey.pem


#properties


mp.jwt.verify.publickey.location=META-INF/resources/publicKey.pem
mp.jwt.verify.issuer=DonauTech
quarkus.smallrye-jwt.enabled=true



# generate token

JwtClaims jwtClaims = new JwtClaims();
    jwtClaims.setIssuer("DonauTech");
    jwtClaims.setJwtId("a-123");
    jwtClaims.setSubject(email);
    jwtClaims.setClaim(Claims.upn.name(), email);
    jwtClaims.setClaim(Claims.preferred_username.name(), username);
    jwtClaims.setClaim(Claims.birthdate.name(), birthdate);
    jwtClaims.setClaim(Claims.groups.name(), Arrays.asList(TokenUtils.ROLE_USER));
    jwtClaims.setAudience("using-jwt");
    jwtClaims.setExpirationTimeMinutesInTheFuture(1);

    String token = TokenUtils.generateTokenString(jwtClaims);


# Project

mvn io.quarkus:quarkus-maven-plugin:1.3.0.Final:create \
    -DprojectGroupId=tech.donau \
    -DprojectArtifactId=security-jwt \
    -DclassName="tech.donau.ProfileResource" \
    -Dpath="/profile" \
    -Dextensions="resteasy-jsonb, jwt"
```