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    ■ lab8_ase/pom...
    ☑ web.xml
    ☑ loginMongo.java ⋈
    ☑ LoginService...
    ☑ Apache Tomca...
    ☑ CORSFilter.java
    ☑ testservice...

                                                                                            ■ Assg7/pom.xml
 1 package org.ase;
 3⊕import com.mongodb.BasicDBObject;
12 public class loginMongo {
14⊖
       public String loginmongo(String userName) {
15
16
           MongoClientURI uri = new MongoClientURI("mongodb://root:password@ds037824.mongolab.com:37824/lab7");
           MongoClient client = new MongoClient(uri);
&18
           DB db = client.getDB(uri.getDatabase());
           DBCollection users = db.getCollection("userdata");
19
           BasicDBObject whereQuery = new BasicDBObject();
whereQuery.put("username", userName);
21
           DBCursor docs =users.find(whereQuery);
23
           System.out.println("here");
24
25
           while (docs.hasNext()) {
               DBObject doc = docs.next();
26
               String b = doc.get("username").toString();
27
28
               if(b.equals(userName)){
                   System.out.println("1");
29
                   client.close();
                   return doc.toString();
           client.close();
34
           return null;
35
36
37 }
38
                                 loginMongo.java
                                                     LoginService... 

□ Apache Tomca...
                                                                                            CORSFilter.java
■ lab8_ase/pom...
                   🗵 web.xml
  1 package org.ase;
🔈 3⊕import javax.ws.rs.GET;[...
  9
 10 @Path("/login")
 11 public class LoginService {
 12
 13⊜
           @GET
           @Path("{username}")
 14
 15
          public Response getMsg(@PathParam("username") String username) {
 16
 17
                loginMongo login = new loginMongo();
 18
                String output = login.loginmongo(username);
 19
                if(null!= output) {
                     return Response. status (200) .entity (output) .build();
 20
 21
                }else{
 22
                     return Response.status(400).entity("fail").build();
 23
 24
 25
           }
 26
 27 }
```

```
angular.module('starter.services', [])
.service('LoginService', function($q, $http) {
     return {
   loginUser: function(name, pw) {
              var deferred = $q.defer();
              var promise = deferred.promise;
                $http({
          method: 'GET',
         url: 'http://localhost:8080/lab8_ase/rest/login/'+name,
          contentType:"application/json"
     }).success(function(data){
       if (name == data.username && pw == data.password) {
            localStorage.setItem("firstname", data.firstname);
localStorage.setItem("lastname", data.lastname);
            localStorage.setItem("username", data.username);
localStorage.setItem("password", data.password);
localStorage.setItem("id", data._id.$oid);
                   deferred.resolve('Welcome ' + data.username + '!');
              } else {
                   deferred.reject('Wrong credentials.');
     promise.success = function(fn) {
                   promise.then(fn);
                   return promise;
              promise.error = function(fn) {
                   promise.then(null, fn);
                   return promise;
              return promise;
```