



# 실무 코드

```
> mint [trunk/mint]
> mint-agent [trunk/mint/mint-agent]
> mint-agent-boot [trunk/mint/mint-agent-boot]
> mint-batch [trunk/mint/mint-batch]
> mint-batch-manager [trunk/mint/mint-batch-manager]
> mint-common [trunk/mint/mint-common]
> mint-database [trunk/mint/mint-database]
> mint-endpoint [trunk/mint/mint-endpoint]
> mint-fetch [trunk/mint/mint-fetch]
> mint-front [trunk/mint/mint-front]
> mint-inhouse [trunk/mint/mint-inhouse]
> mint-inhouse-database [trunk/mint/mint-inhouse-database]
> mint-install [trunk/mint/mint-install]
> mint-install-manager [trunk/mint/mint-install-manager]
> mint-migration [trunk/mint/mint-migration]
> mint-openapi [trunk/mint/mint-openapi]
> mint-solution-mi [trunk/mint/mint-solution-mi]
> mint-websocket [trunk/mint/mint-websocket]
> Servers
> testlibrary
> tests
```

→ 메이븐 프로젝트로 생성

## Overview

### General Information

Specify the host name and other common settings.

Server name: Tomcat v8.5 Server at localhost

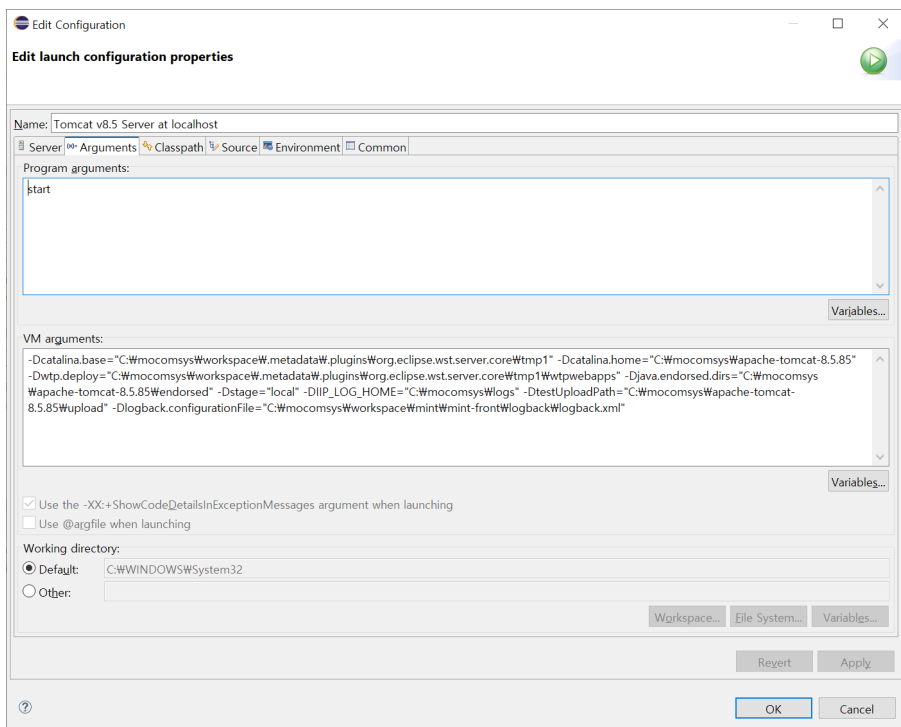
Host name: localhost

Runtime Environment: Apache Tomcat v8.5

Configuration path: /Servers/Tomcat v8.5 Server at localhc Browse...

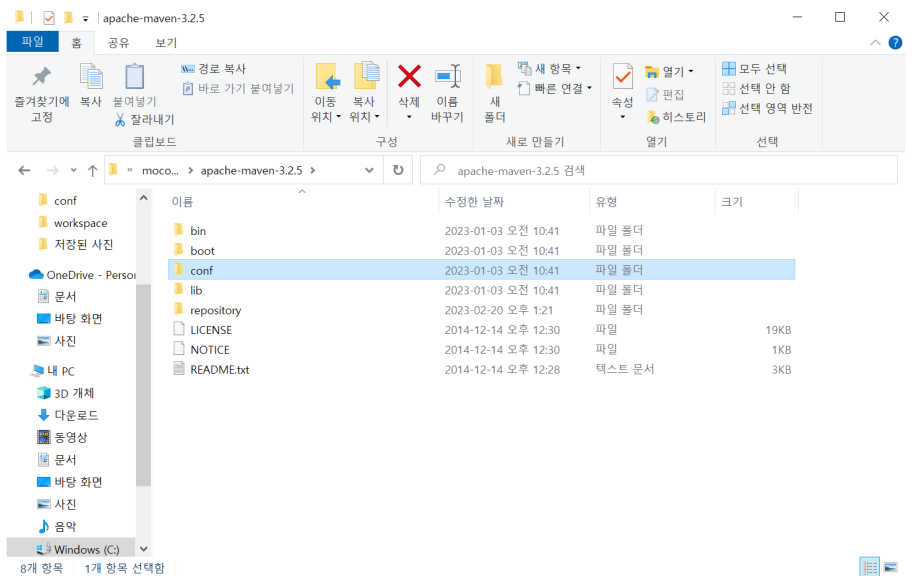
Open launch configuration

→ Open launch configuration



C:\mocomsys\workspace\mint>mvn clean package

→ 그냥 mvn clean package만 하면 테스트 파일에서 에러



C:\mocomsys\workspace\mint>mvn clean package -Dmaven.test.skip=true

→ 테스트 파일은 스킵하고 실행

## -D : 자바 명령어 '키 : value'로 줌

```
//이클립스가 스스로 정의
-Dcatalina.base="C:\mocomsys\workspace\metadata\plugins\org.eclipse.wst.server.core\tmp1"
-> 이클립스가 스스로 경로를 정해서 톰캣 관련한 파일을 생성
```

```
-Dcatalina.home="C:\mocomsys\workspace\apache-tomcat-8.5.85"
-Dwtp.deploy="C:\mocomsys\workspace\metadata\plugins\org.eclipse.wst.server.core\tmp1\wtpwebapps"
-> web tomcat에서 자동화 해주는
```

```
-Djava.endorsed.dirs="C:\mocomsys\workspace\apache-tomcat-8.5.85\endorsed"
```

```
//우리가 지정해주는 것
-Dstage="local"
-> 로컬로 실행하고 있다는 것을 서버 내부로 전달(꼭 설정해줘야됨)
```

```
-Ddiip_log_home="C:\mocomsys\workspace\logs"
-> 로그를 써주는 경로
```

```
-Dtestuploadpath="C:\mocomsys\workspace\apache-tomcat-8.5.85\upload"
-> 파일 업로드 할 위치
```

```
-Dlogback.configurationFile="C:\mocomsys\workspace\mint\mint-front\logback\logback.xml"
-> 로그를 써주는 라이브러리
```

### Timeouts

Specify the time limit to complete server operations.

Start (in seconds): 120

Stop (in seconds): 30

→ Timeouts 설정

→ Arguments의 경로 설정을 우측과 같이 변경

```
..<Resource>·⌵·  
· ·> auth="Container"·⌵·  
· ·> defaultAutoCommit="false"·⌵·  
· ·> driverClassName="oracle.jdbc.driver.OracleDriver"·⌵·  
· ·> factory="org.apache.tomcat.jdbc.pool.DataSourceFactory"·⌵·  
· ·> initialSize="5"·⌵·  
· ·> maxActive="100"·⌵·  
· ·> maxWait="10000"·⌵·  
· ·> minEvictableIdleTimeMillis="3600000"·⌵·  
· ·> minIdle="5"·⌵·  
· ·> name="jdbc/iip-db"·⌵·  
· ·> password="iipshl"·⌵·  
· ·> testOnBorrow="true"·⌵·  
· ·> testOnReturn="false"·⌵·  
· ·> testWhileIdle="true"·⌵·  
· ·> timeBetweenEvictionRunsMillis="10000"·⌵·  
· ·> type="javax.sql.DataSource"·⌵·  
· ·> url="jdbc:oracle:thin:@idc.mocomsys.com:31521:IIP"·⌵·  
· ·> username="iipshl"·⌵·  
· ·> validationQuery="SELECT 1 FROM DUAL"/>·⌵·  
·⌵·
```

→ 톰캣의 server.xml / <GlobalNamingResources>에 접속 데이터베이스 정보 추가

Web Modules				
Web Modules				
Configure the Web Modules on this server.				
Path	Document Base	Module	Auto Reload	
/mint	mint-front	mint-front	Disabled	<div>Add Web Module...</div> <div>Add External Web Module...</div> <div>Edit...</div> <div>Remove</div>

→ 모듈 설정

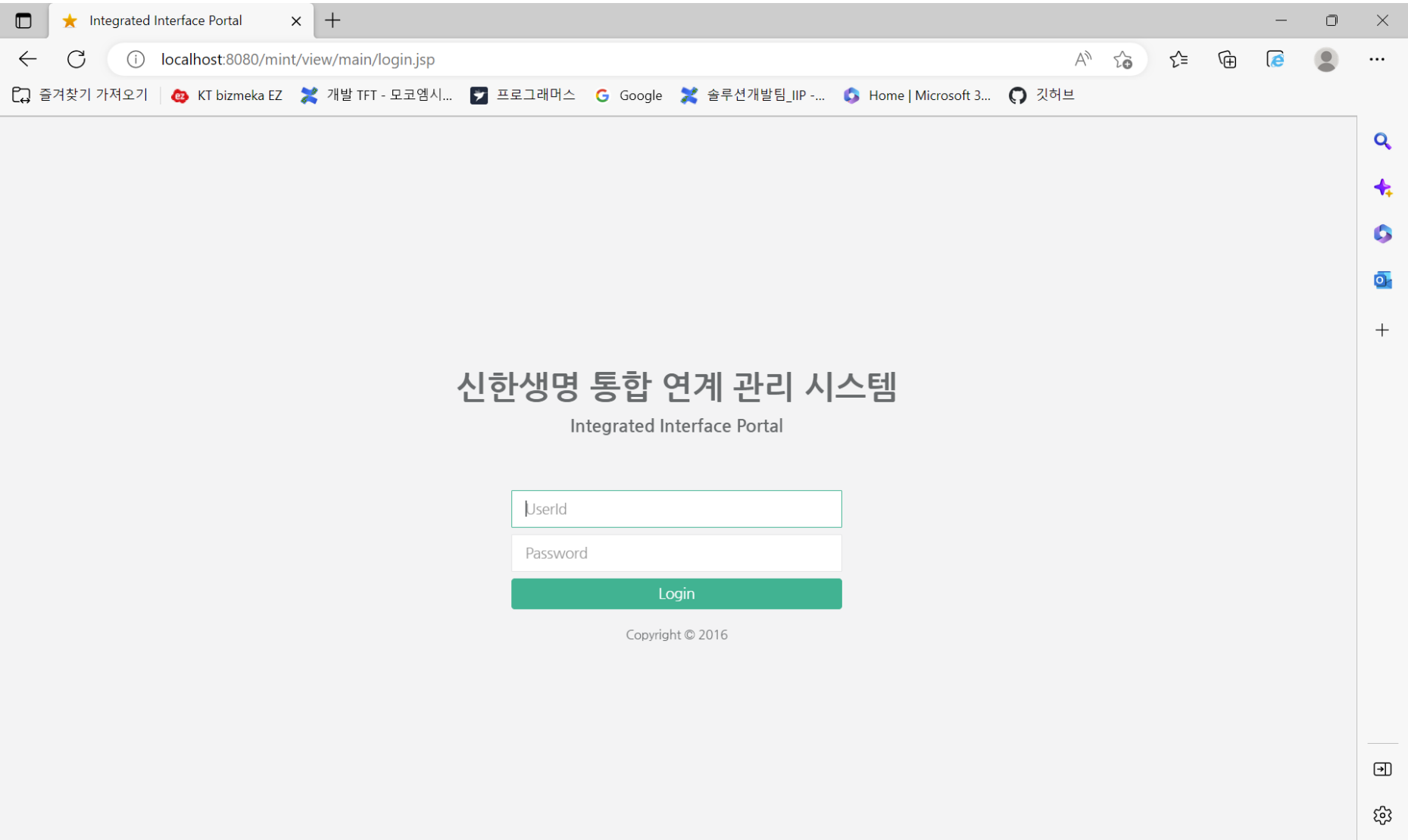
```
<ResourceLink global="jdbc/iip-db" name="jdbc/iip-db" type="javax.sql.DataSource"/>
```

→ 톰캣의 context.xml / <Context>에 추가

- mint-front(mint-front-product-3.0.0)
  - mint-common
  - mint-database
  - mint-inhouse
  - mint-batch
  - mint-solution-mi
  - mint-openapi
  - mint-websocket
  - mint-fetch
  - mint-endpoint
  - mint-inhouse-database
  - spring-web-4.3.17.RELEASE.jar

→ mint-front가 참조하는 것들

톰캣 start 후 localhost:8080/mint 입력



Run → Run Configuration → Maven Build → mint 설정

Goals:

Profiles:

☐ Offline ☐ Update Snapshots

☒ Debug Output ☒ Skip Tests ☐ Non-recursive

☐ Resolve Workspace artifacts

→ 자바 버전을 맞춰주기 위해 profiles를 적어줌, 적지 않으면 디폴트 값으로

Name: mint-front-build-2.0.0

Main JRE Refresh Source Environment Common

Base directory:  Workspace... File System... Variables...

Goals:

Profiles:

User settings:  Workspace... File System... Variables...

☐ Offline ☐ Update Snapshots

☒ Debug Output ☒ Skip Tests ☐ Non-recursive

☐ Resolve Workspace artifacts

Threads:  Color Output:

Parameter ...	Value

Maven Runtime:  Configure...

Base directory:  Workspace... File System... Variables...

Goals:

Profiles:

User settings:  Workspace... File System... Variables...

☐ Offline ☐ Update Snapshots

☒ Debug Output ☒ Skip Tests ☐ Non-recursive

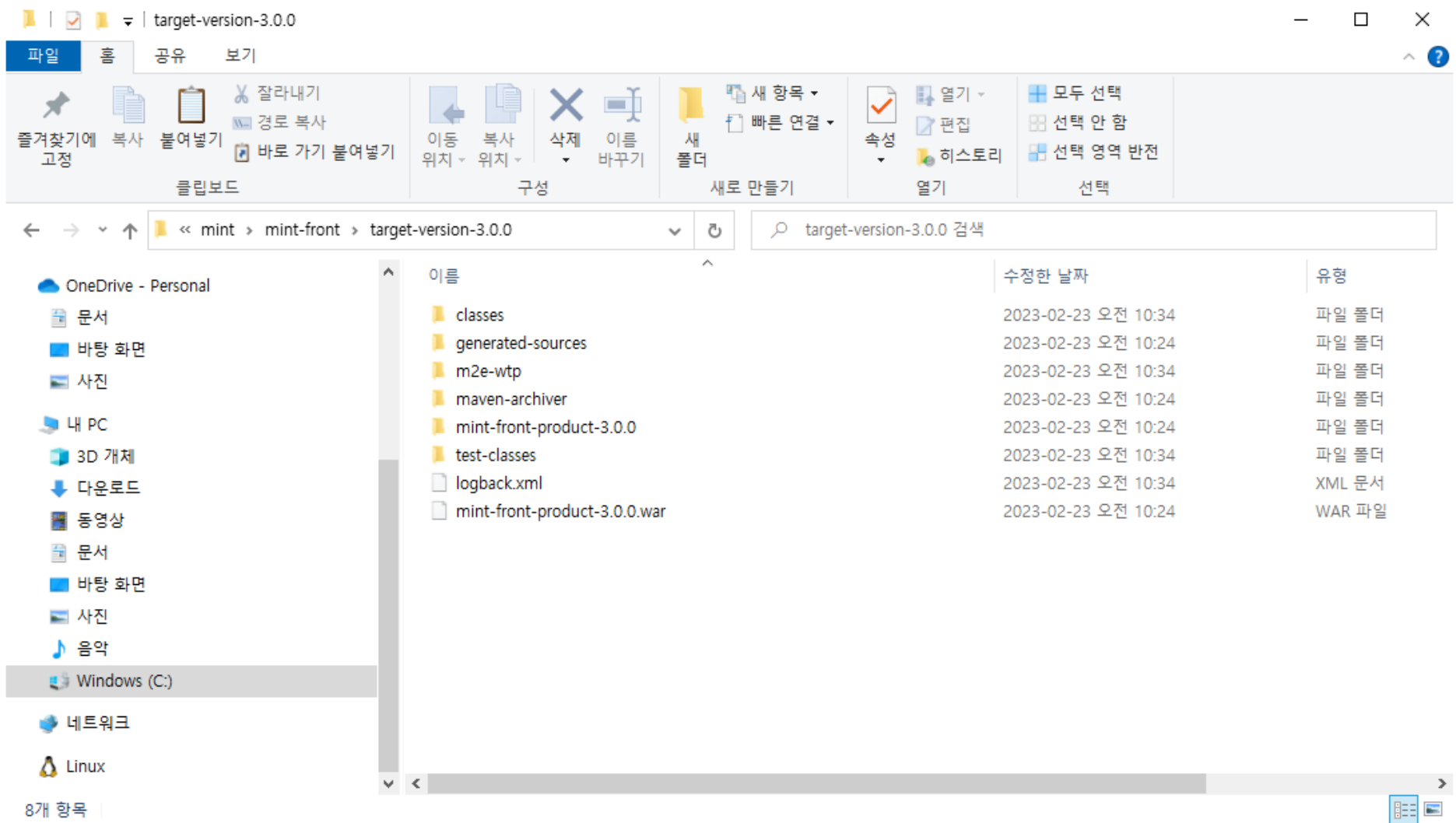
☐ Resolve Workspace artifacts

Threads:  Color Output:

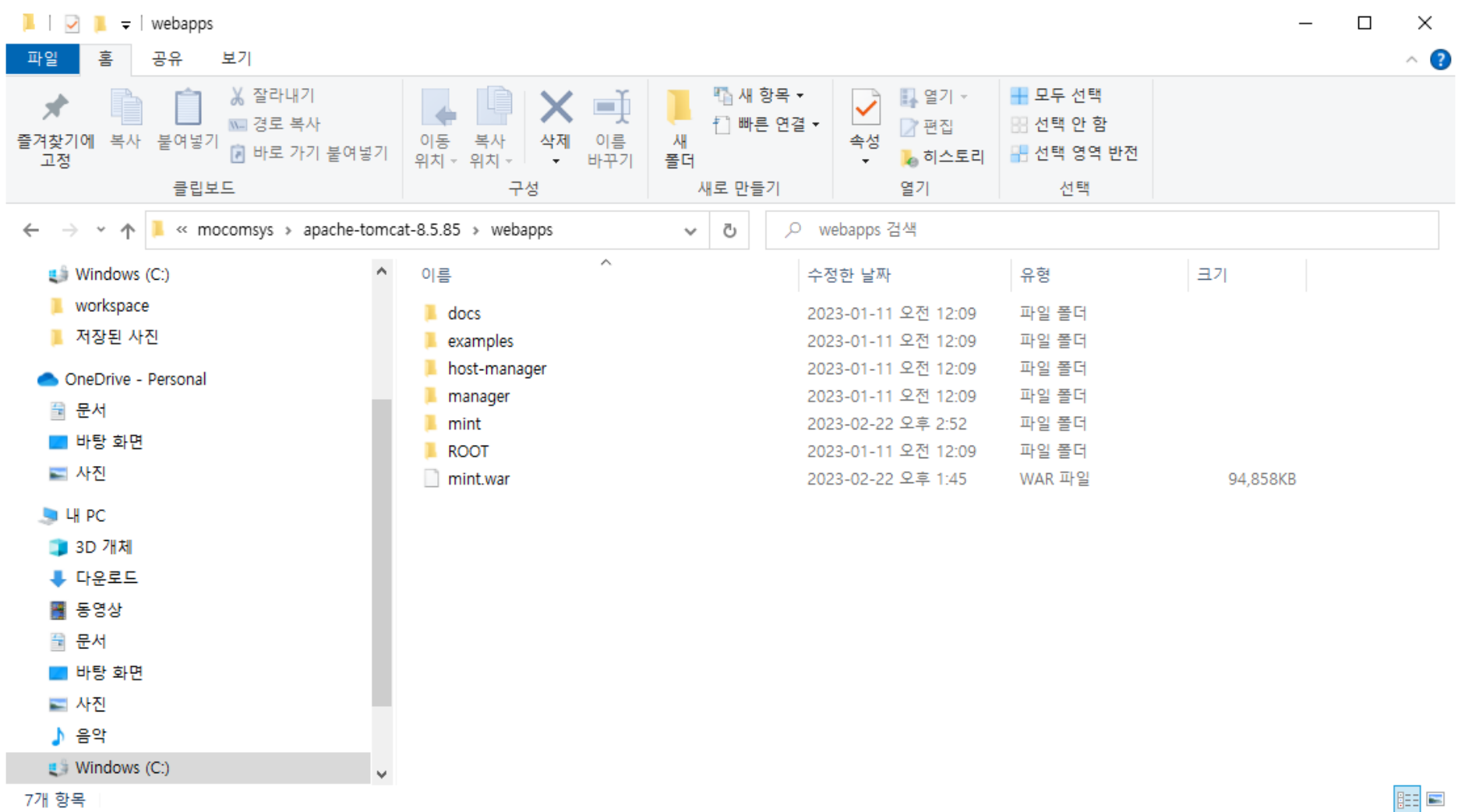
Parameter ...	Value

Maven Runtime:  Configure...

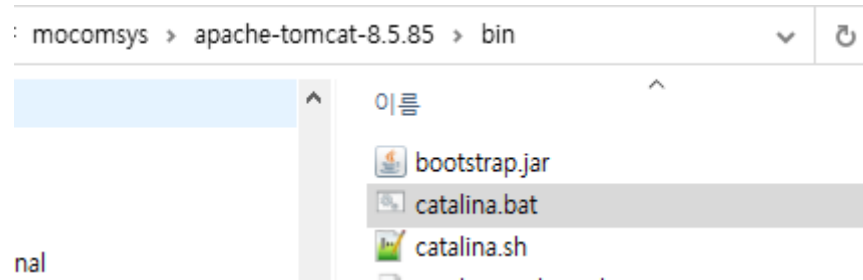
<CMD로 WAR파일 배포>



→ maven 프로젝트 진행했던 경로에서 mint-front → target-version-3.0.0에서 war파일을 복사



→ 서버 위치의 webapps에 mint.war로 이름을 바꿔서 붙여넣기



→ catalina.bat에 아래와 같이 설정

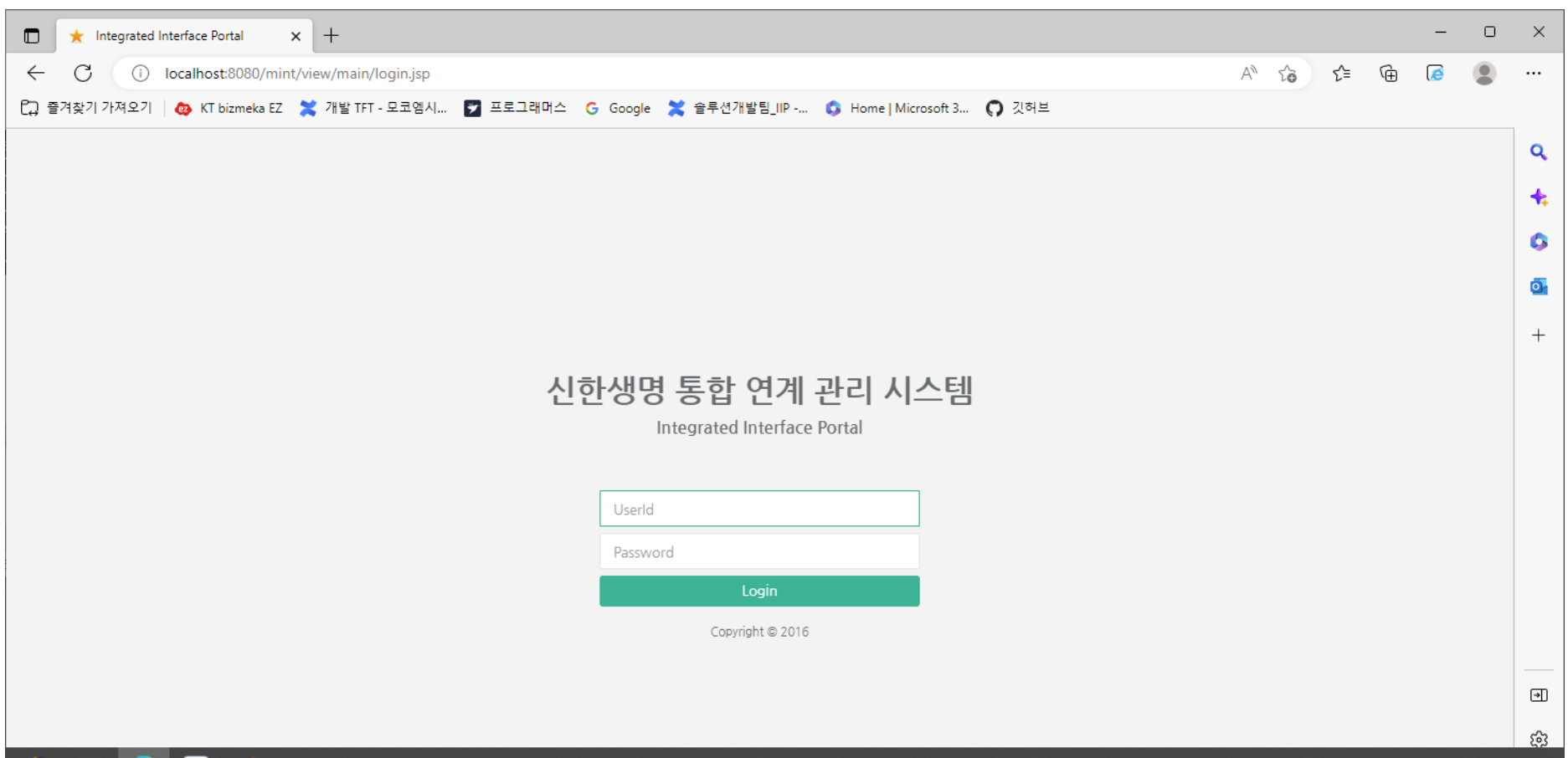
```
setlocal
set "JAVA_OPTS=%JAVA_OPTS% -DIIP_LOG_HOME=C:\mocomsys\logs -DtestUploadPath=C:\mocomsys\apache-tomcat-8.5.85\upload -Dlogback.configurationFile=C:\mocomsys\workspace\mint\mint-front\logback\logback.xml"
```

set "JAVA\_OPTS=%JAVA\_OPTS% -DIIP\_LOG\_HOME=C:\mocomsys\logs -DtestUploadPath=C:\mocomsys\apache-tomcat-8.5.85\upload -Dlogback.configurationFile=C:\mocomsys\workspace\mint\mint-front\logback\logback.xml"

→ **workspace 잘 잡아주기 / TOMCAT Arguments에 추가했던 내용 똑같이 추가**

```
C:\>cd C:\mocomsys\apache-tomcat-8.5.85\bin
C:\mocomsys\apache-tomcat-8.5.85\bin>
```

```
C:\mocomsys\apache-tomcat-8.5.85\bin>startup.bat
Using CATALINA_BASE:   "C:\mocomsys\apache-tomcat-8.5.85"
Using CATALINA_HOME:   "C:\mocomsys\apache-tomcat-8.5.85"
Using CATALINA_TMPDIR: "C:\mocomsys\apache-tomcat-8.5.85\temp"
Using JRE_HOME:        "C:\Program Files\Java\jdk1.8.0_351"
Using CLASSPATH:       "C:\mocomsys\apache-tomcat-8.5.85\bin\bootstrap.jar"
Using CATALINA_OPTS:   ""
```



창 안띄워질 때

1. Project → Clean
2. Tomcat → Clean
3. 프로젝트 우클릭 → MAVEN → Update Project