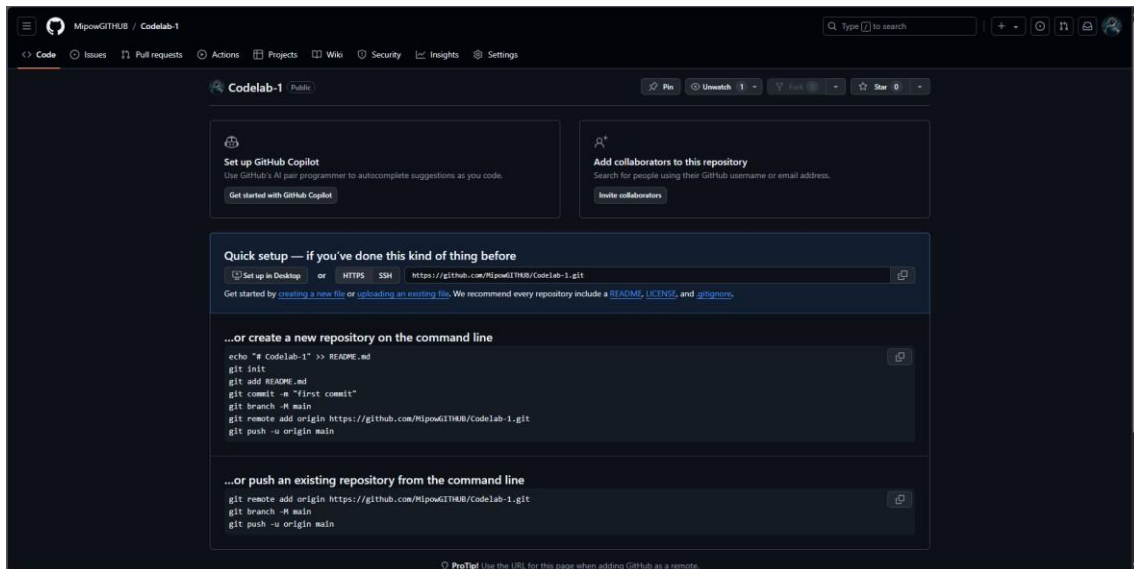


Feri Yusgiantoro

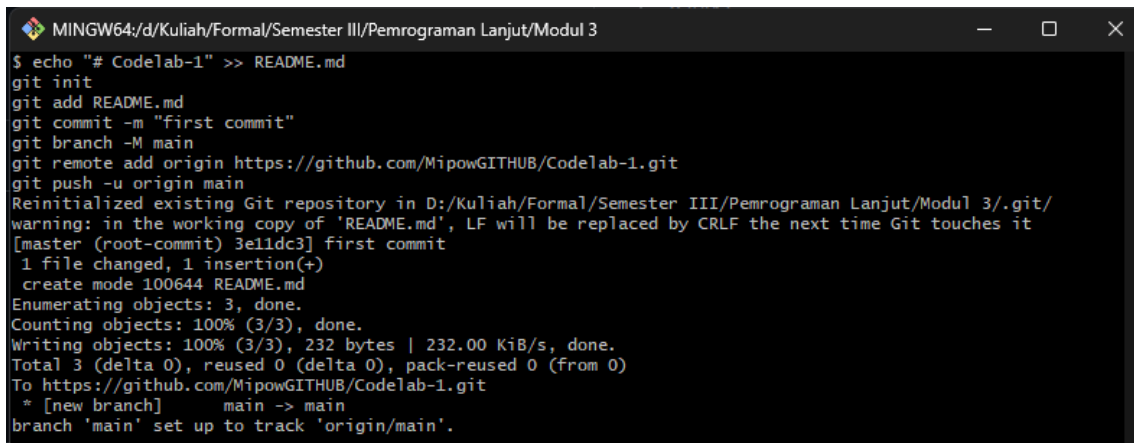
202310370311101

Pemrograman Lanjut

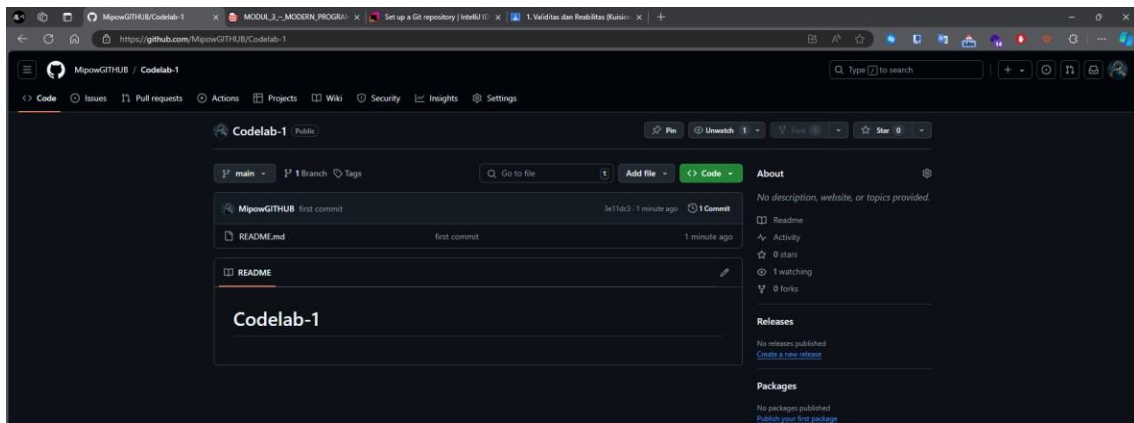
Codelab 01



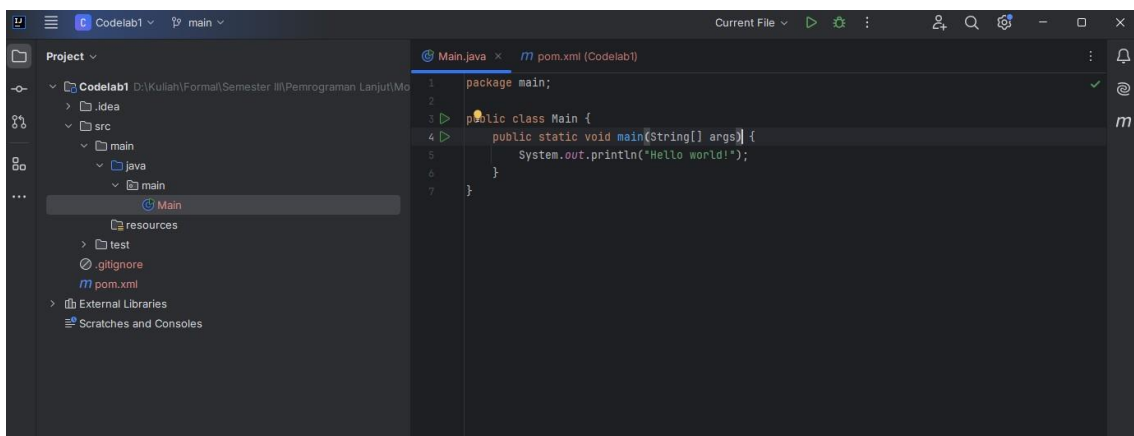
Membuat repository terlebih dahulu pada akun github. Setelah sudah masuk ke directory pada git lalu masukan command pada git



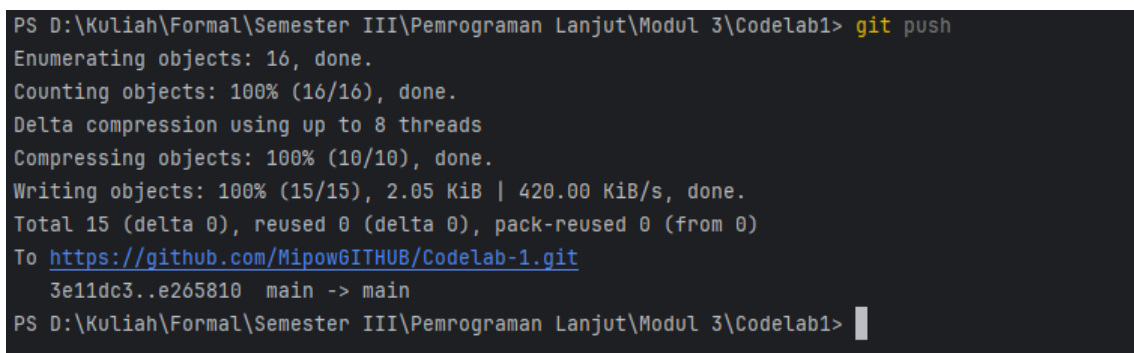
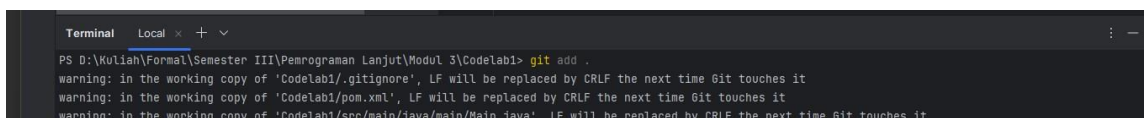
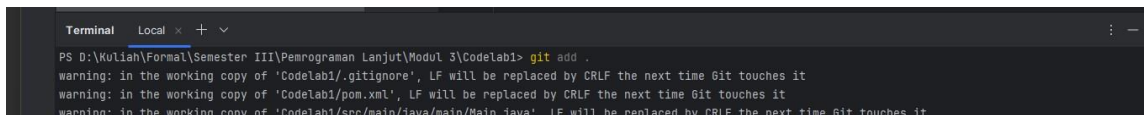
Setelah menrefresh halaman pada github akan seperti ini

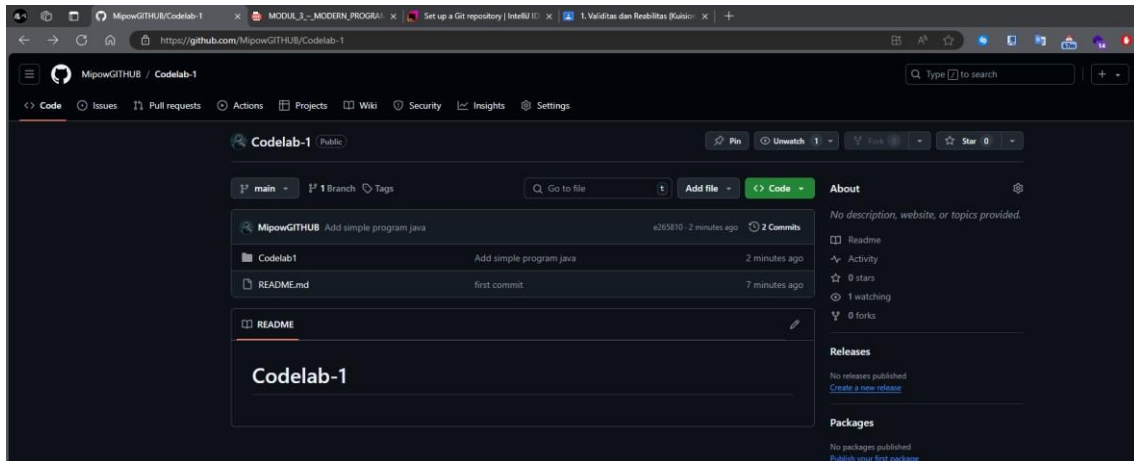


Setelah itu membuat project Main.java pada intelij dan disimpan di directory yang sama.



Pada terminal ketikkan command sesuai dengan modul

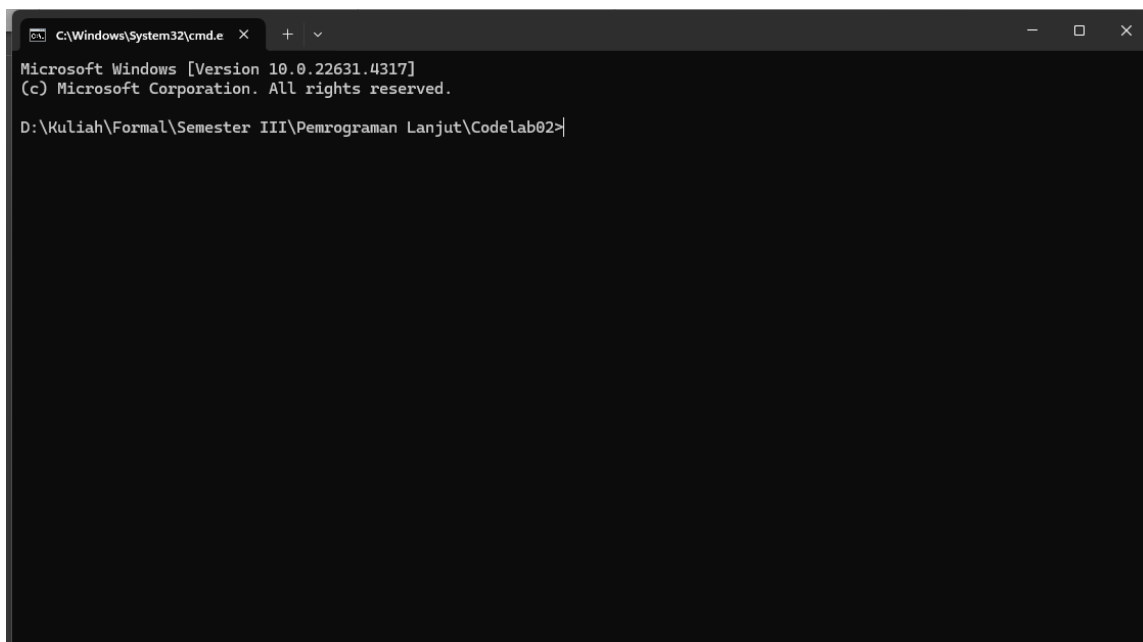




CodeLab 02

Masuk ke folder codelab kita lalu pada Alamat folder kita ubah ke cmd

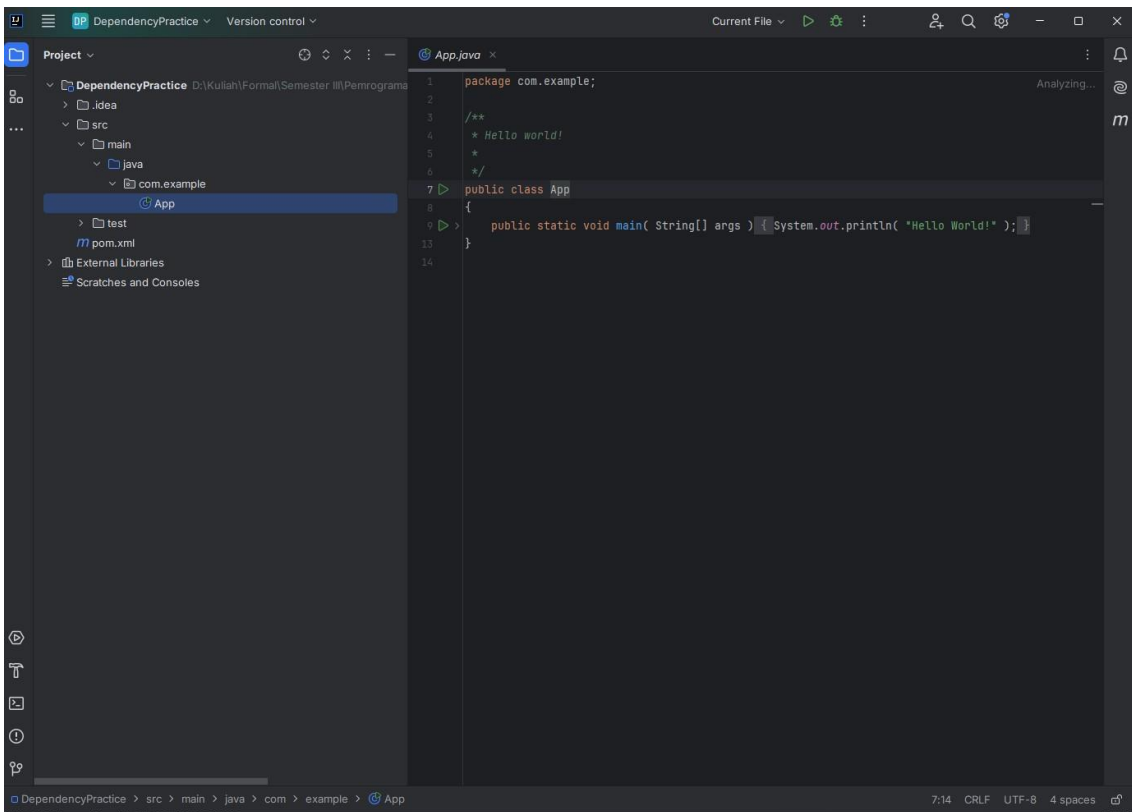
Lalu masukkan command pada cmd sesuai modul



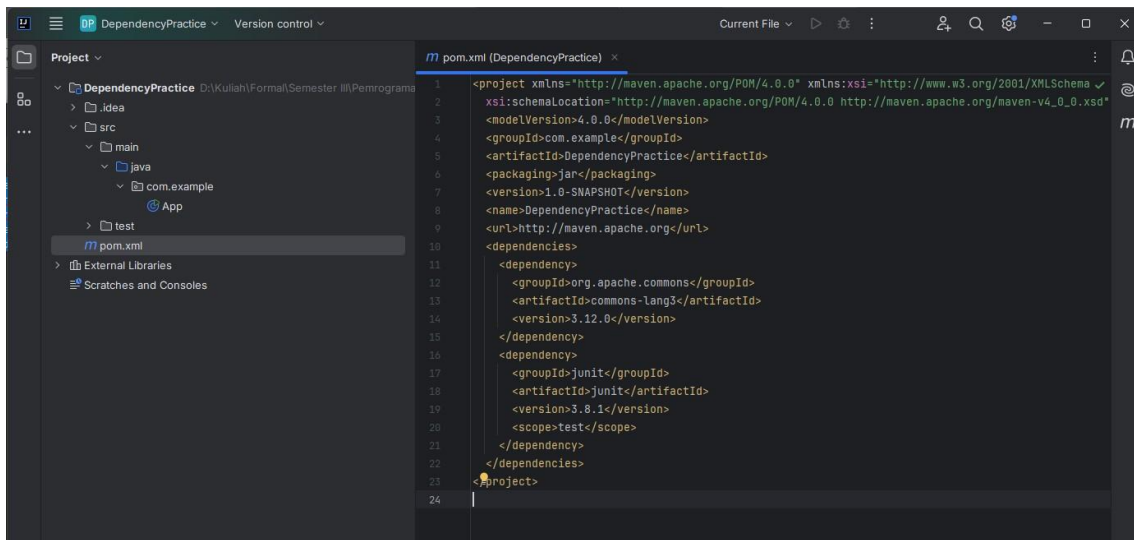
```
C:\Windows\System32\cmd.e X + v
Microsoft Windows [Version 10.0.22631.4317]
(c) Microsoft Corporation. All rights reserved.

D:\Kuliah\Formal\Semester III\Pemrograman Lanjut\Codelab02> mvn archetype:generate -DgroupId=com.example -DartifactId=DependencyPractice -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false
```

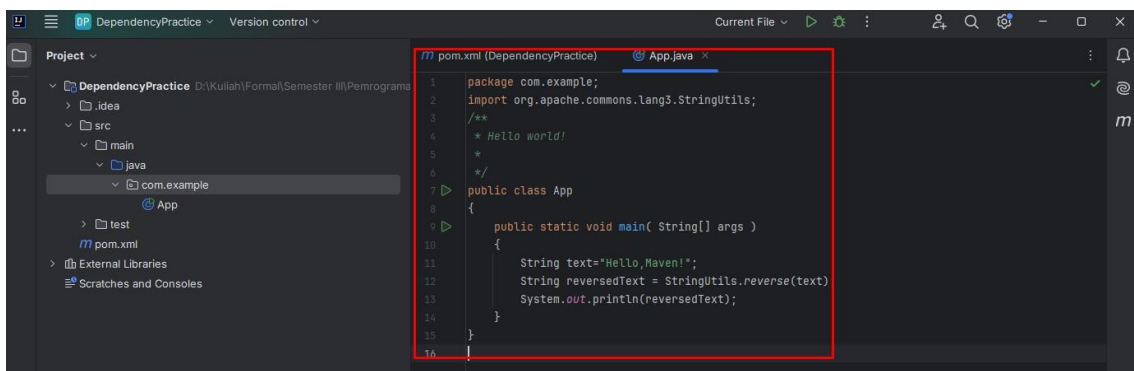
```
D:\Kuliah\Formal\Semester III\Pemrograman Lanjut\Codelab02> mvn archetype:generate -DgroupId=com.example -DartifactId=DependencyPractice -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false
[INFO] Scanning for projects...
[INFO]
[INFO] < org.apache.maven:standalone-pom >
[INFO] Building Raven Stub Project (No POM) 1
[INFO]
[INFO] -----[ pom ]-----
[INFO]
[INFO] >>> archetype:3.3.0:generate (default-cli) > generate-sources @ standalone-pom >>>
[INFO]
[INFO] <<< archetype:3.3.0:generate (default-cli) < generate-sources @ standalone-pom <<<
[INFO]
[INFO] --- archetype:3.3.0:generate (default-cli) @ standalone-pom ---
[INFO] Generating project in Batch mode
[INFO]
[INFO] Using following parameters for creating project from Old (1.x) Archetype: maven-archetype-quickstart:1.0
[INFO]
[INFO] Parameter: basedir, Value: D:\Kuliah\Formal\Semester III\Pemrograman Lanjut\Codelab02
[INFO] Parameter: package, Value: com.example
[INFO] Parameter: groupId, Value: com.example
[INFO] Parameter: artifactId, Value: DependencyPractice
[INFO] Parameter: packageName, Value: com.example
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] project created from Old (1.x) Archetype in dir: D:\Kuliah\Formal\Semester III\Pemrograman Lanjut\Codelab02\DependencyPractice
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 4.498 s
[INFO] Finished at: 2024-10-23T20:26:41+07:00
[INFO]
D:\Kuliah\Formal\Semester III\Pemrograman Lanjut\Codelab02>
```



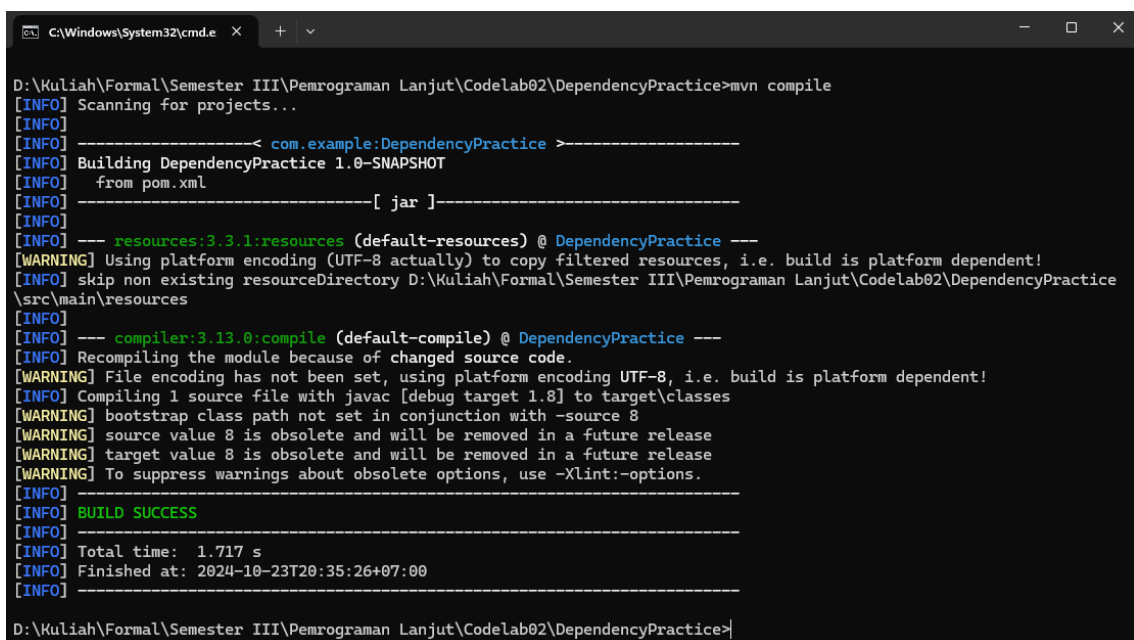
Setelah itu masuk ke dalam file pom. Xml dan copy & paste dependency ke pom xml



Lalu copy pada program ke file App



Setelah sudah run pada cmd tadi



Setelah itu ketik command **mvnexec:java -Dexec.mainClass="com.example.App"**

```

D:\Kuliah\Formal\Semester III\Pemrograman Lanjut\CodeLab02\DependencyPractice>mvn exec:java -Dexec.mainClass="com.example.App"
[INFO] Scanning for projects...
[INFO]
[INFO] < com.example.DependencyPractice >-----
[INFO] Building DependencyPractice 1.0-SNAPSHOT
[INFO] from pom.xml
[INFO] ----- [ jar ] -----
[INFO]
[INFO] --- exec:3.5.0:java (default-cli) @ DependencyPractice ---
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.4.1/maven-resolver-util-1.4.1.pom (2.8 kB at 4.7 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver/1.4.1/maven-resolver-1.4.1.pom (18 kB at 216 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.4.1/maven-resolver-api-1.4.1.pom (2.6 kB at 55 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/4.0.2/plexus-utils-4.0.2.pom (13 kB at 210 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/4.0.2/plexus-utils-4.0.2.jar (13 kB at 210 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-exec/1.4.0/commons-exec-1.4.0.pom (9.5 kB at 167 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-exec/1.4.0/commons-exec-1.4.0.jar (66 kB at 81 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm/9.7.1/asm-9.7.1.pom (2.4 kB at 48 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-commons/9.7.1/asm-commons-9.7.1.pom (2.8 kB at 55 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/9.7.1/asm-tree-9.7.1.pom (2.6 kB at 50 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/ow2/asm/asm-tree/9.7.1/asm-tree-9.7.1.jar (168 kB at 1.1 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.4.1/maven-resolver-util-1.4.1.jar (168 kB at 1.1 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.4.1/maven-resolver-api-1.4.1.jar (168 kB at 1.1 MB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/4.0.2/plexus-utils-4.0.2.jar (193 kB at 291 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-exec/1.4.0/commons-exec-1.4.0.jar (66 kB at 81 kB/s)
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 3.518 s
[INFO] Finished at: 2024-10-23T20:37:07+07:00
[INFO]
D:\Kuliah\Formal\Semester III\Pemrograman Lanjut\CodeLab02\DependencyPractice>

```

Codelab 03

Membuat readme hasil repository github pada code lab 01 maka Kembali ke Alamat folder manager pada codelab 01 tadidan membuat file readme di intelij pada folder modul 3 dengan gitbash

```

MINGW64/d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3/DocumentationPractice

mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3 (main)
$ mkdir DocumentationPractice

mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3 (main)
$ cd DocumentationPractice/

mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3/DocumentationPractice (main)
$ git add README.md
fatal: pathspec 'README.md' did not match any files

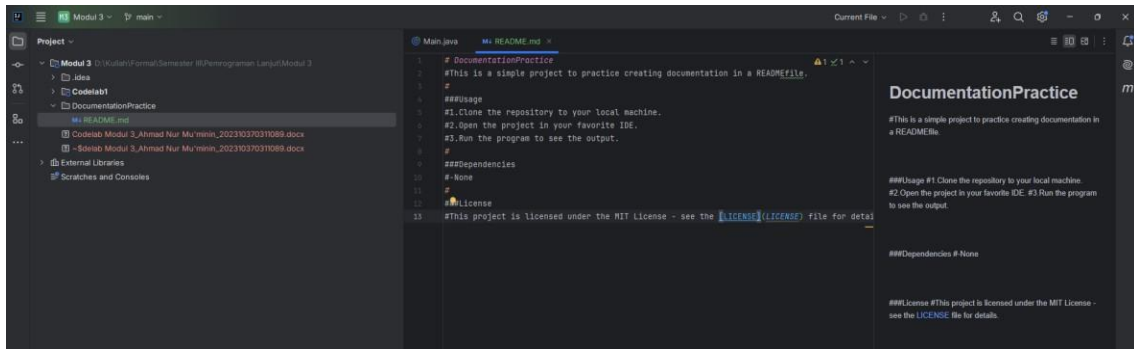
mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3/DocumentationPractice (main)
$ echo "# DocumentationPractice" >>README.md

mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3/DocumentationPractice (main)
$ git add README.md
warning: in the working copy of 'DocumentationPractice/README.md', LF will be replaced by CRLF the next time Git touches it

mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3/DocumentationPractice (main)
$

```

Lalu diedit pada intelij



Setelah itu dipush ke github menggunakan git

```
mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3/Doc
umentationPractice (main)
$ git commit -m "upload Dokument Practice"
[main 8faa323] upload Dokument Practice
1 file changed, 1 insertion(+)
create mode 100644 DocumentationPractice/README.md

mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3/Doc
umentationPractice (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 418.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/MipowGITHUB/CodeLab-1.git
7dd97b0..8faa323 main -> main

mumin@Mipow MINGW64 /d/Kuliah/Formal/Semester III/Pemrograman Lanjut/Modul 3/Doc
umentationPractice (main)
$ |
```

Dan dicek hasilnya pada github

