Nama: Ahyad Izzuddin Syuhaiba

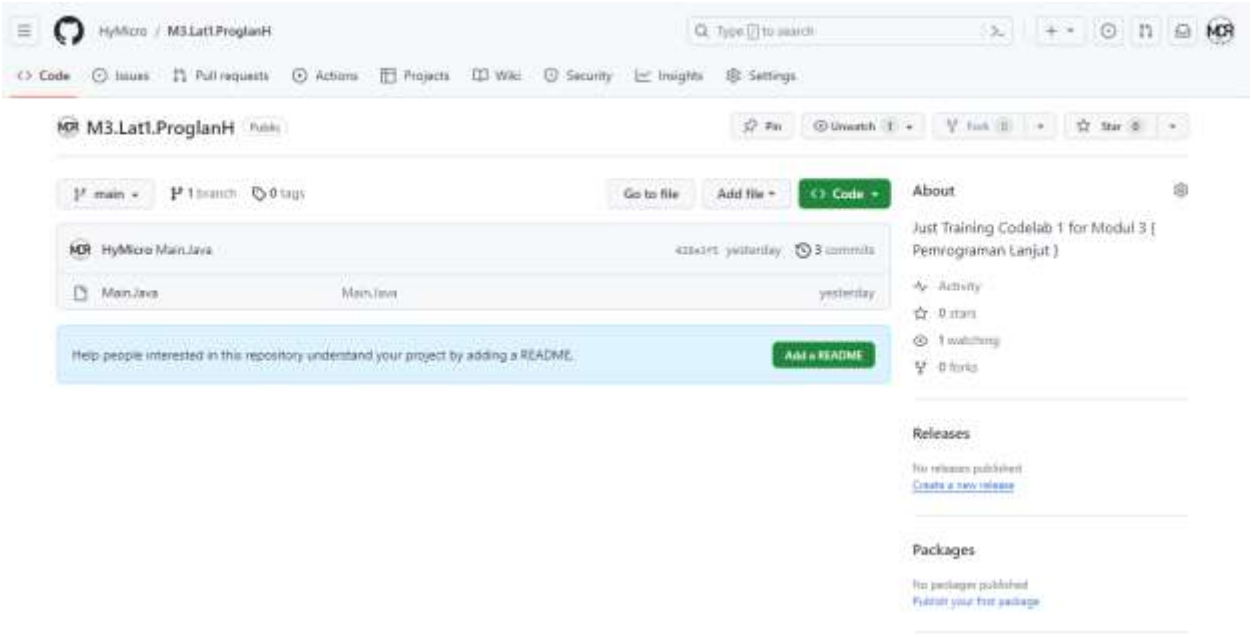
Nim : 20221037031137

Kelas : Pemrogaman Lanjut H

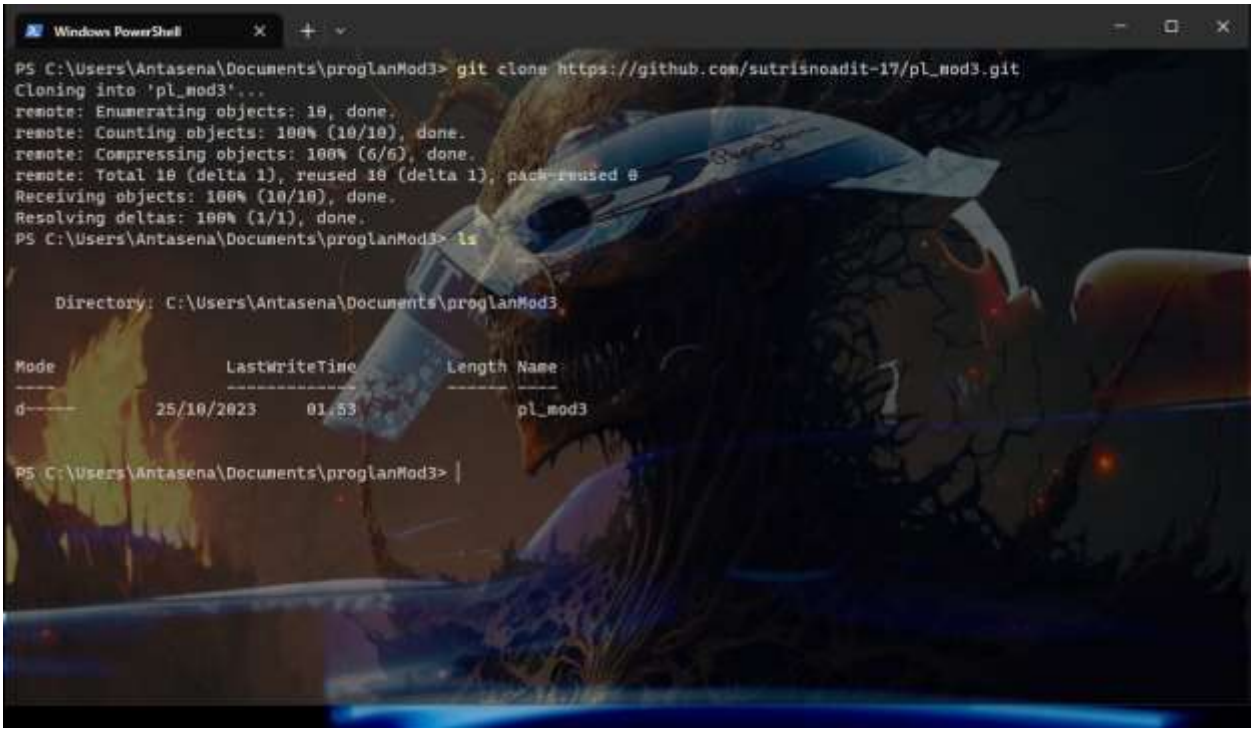
https://github.com/HyMicro/LawakKauDeck.git

LATIHAN 1: Menggunakan Git untuk Pengendalian Versi

1.Saya telah menyiapkan repository yang berisi main.java dan readme

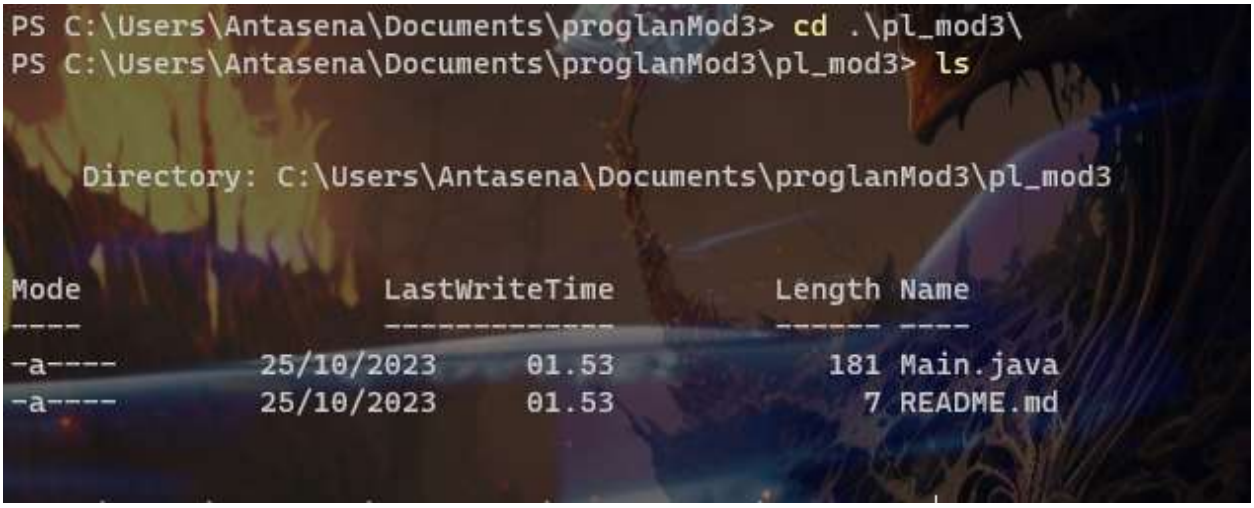


2.langkah selenajutnya clone repository ke local storage dengan mengetikkan



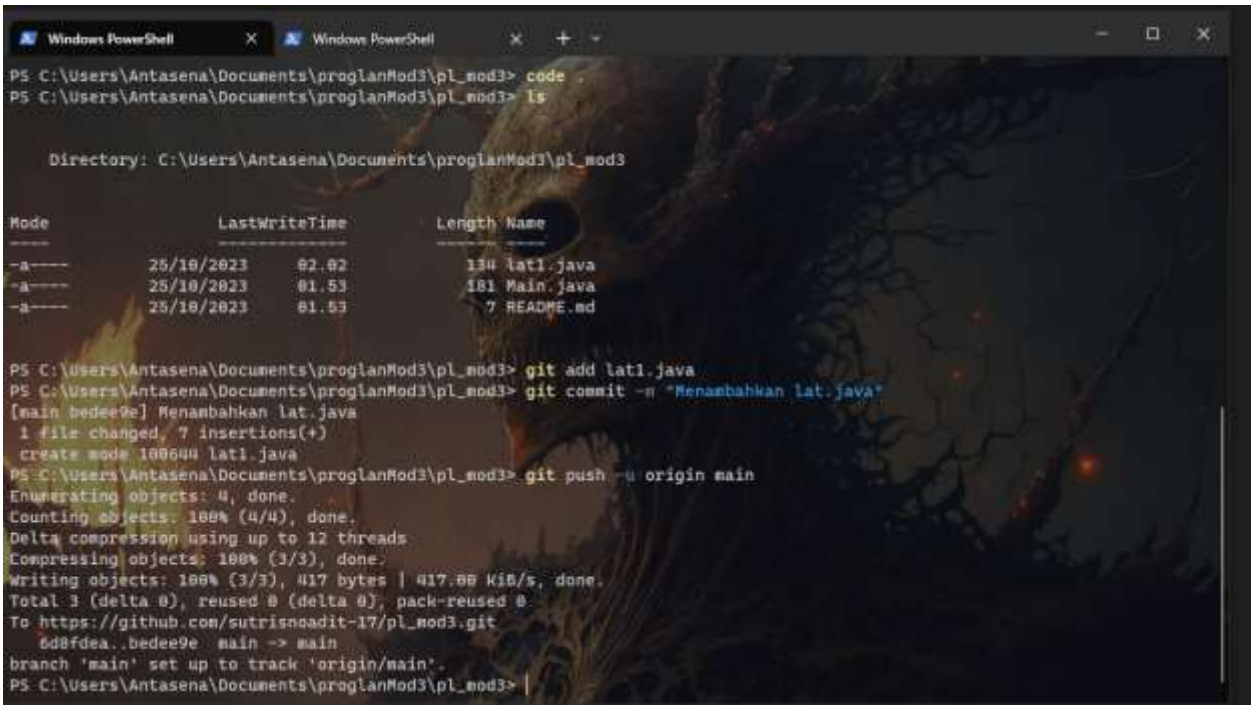
Jika sukses maka repository tersebut ter download ke penyimpanan lokal

3.Langkah Selanjutnya masuk ke folder yang sudah di clone dari github tadi

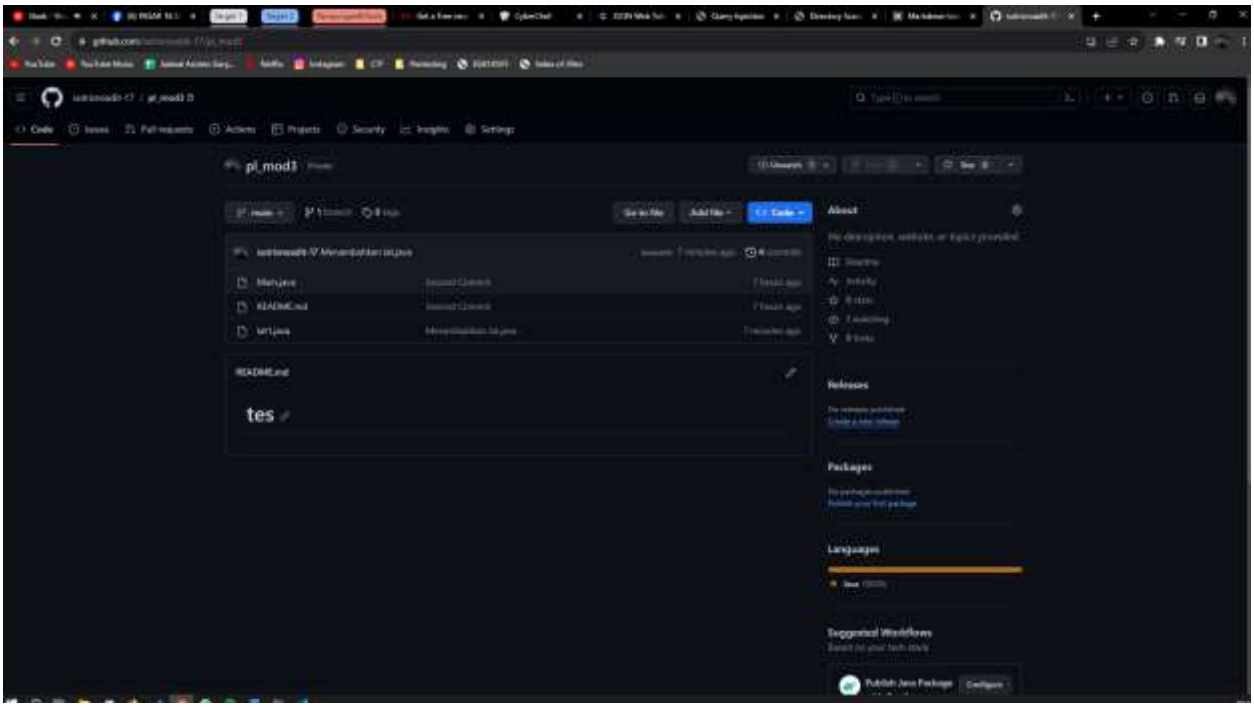


4.selanjutnya membuat file baru Bernama **lat1.java** yang berisi source code berikut

5.memakai command berikut untuk push perubahan ke github



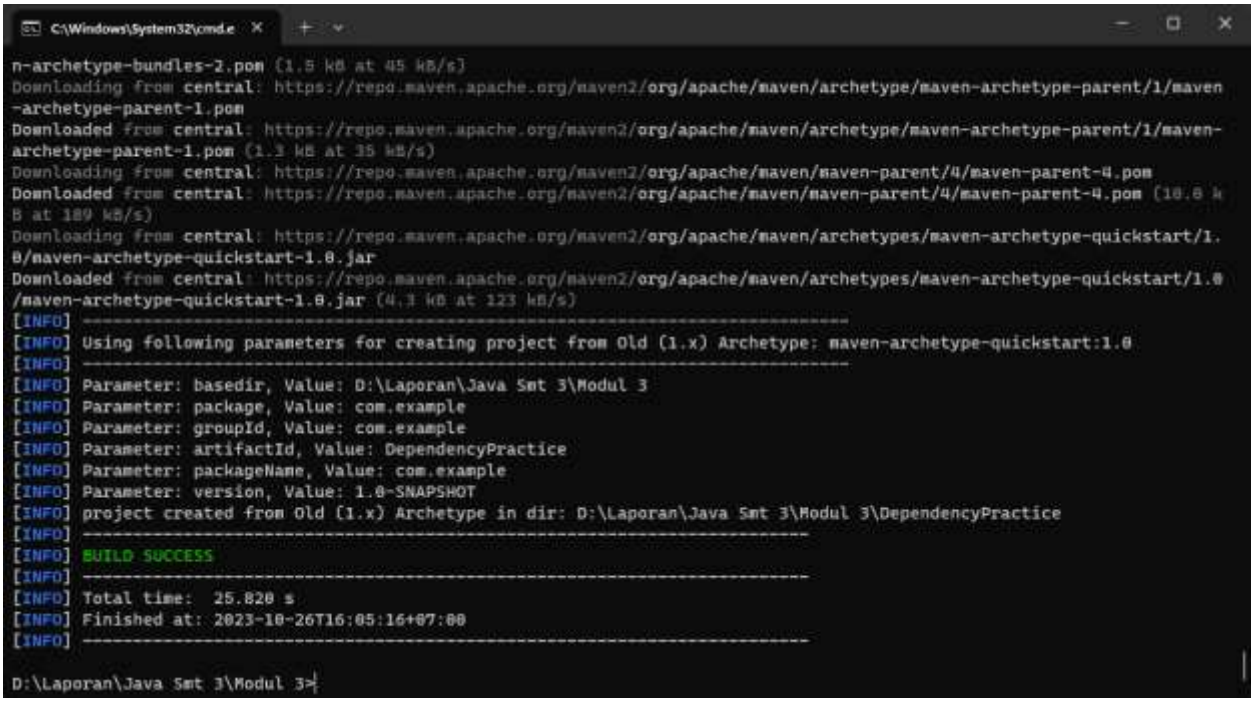
Hasil di github



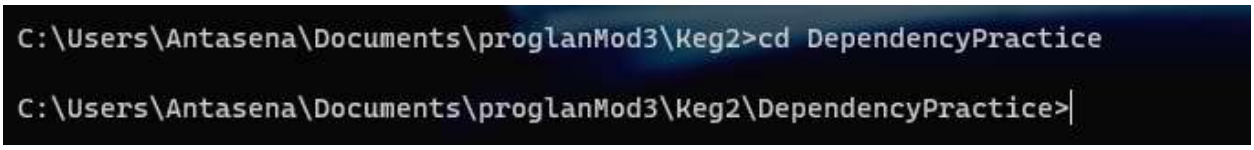
LATIHAN 2: Membuat dan Mengelola Dependensi dengan Maven

1.membuat project maven dengan mengetikkan command seperti berikut

```
mvn archetype:generate -DgroupId=com.example -DartifactId=DependencyPractice -
DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false
```

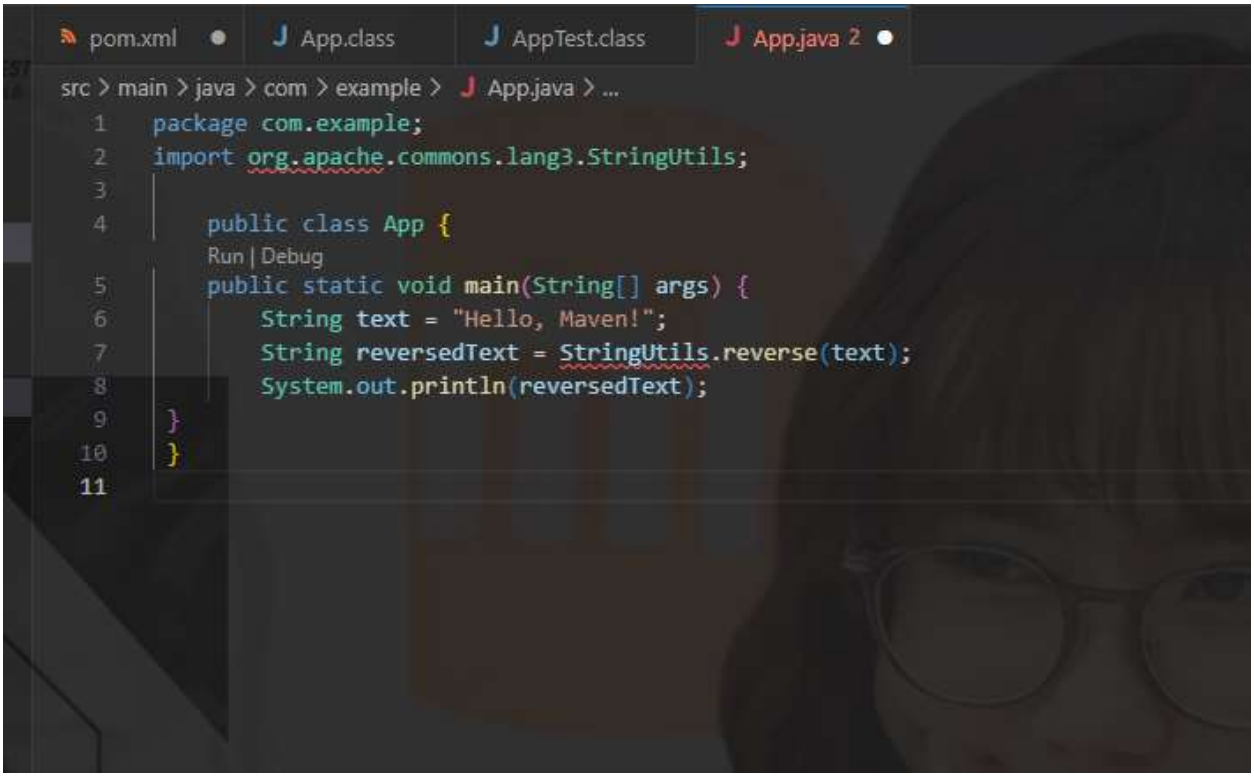


2. dan masuk ke dir DependencyPractice



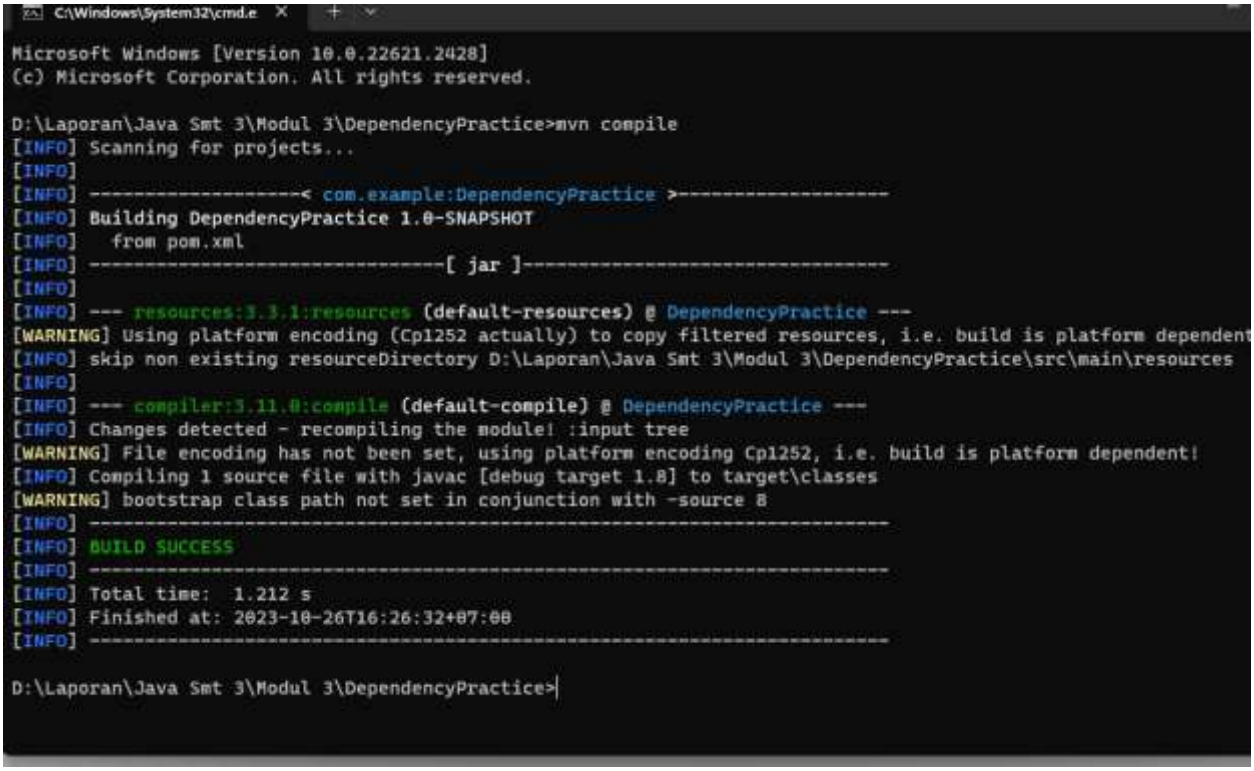
3.Menambahkan Dependency di pom.xml perlu diperhatikan bahwa tag <dependency> harus ada dalam tag <dependencies> jika salah penempatan saat compile akan muncul error

4.Membuat file baru main.java hanya tampil output dari print



5.compile program dengan menggunakan command

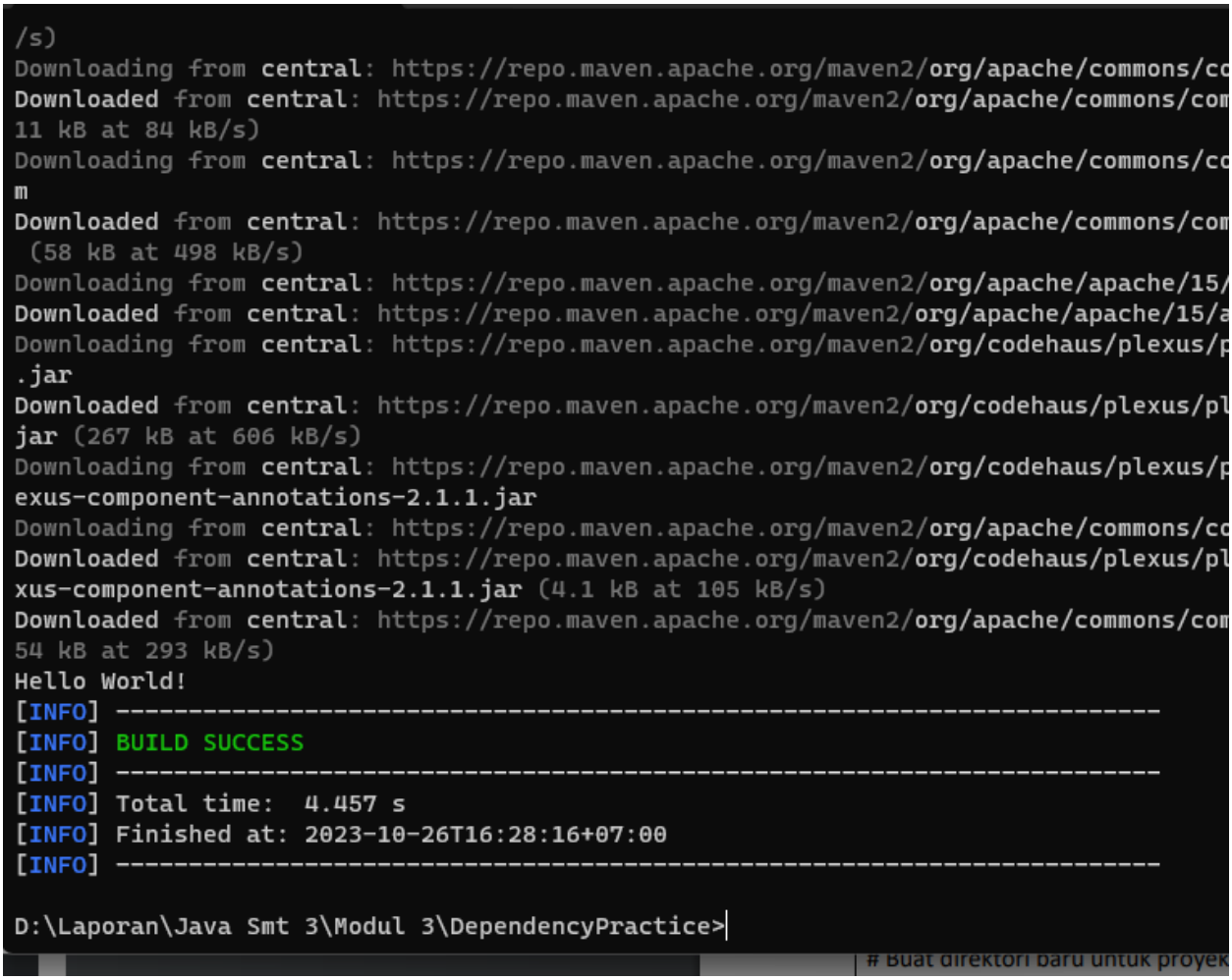
```
Mvn compile
```



6.run program dan arahkan class ke yang baru dibuat contooh pada saya : miss

mvn exec:java -Dexec.mainClass="com.example.miss"

Hasil output

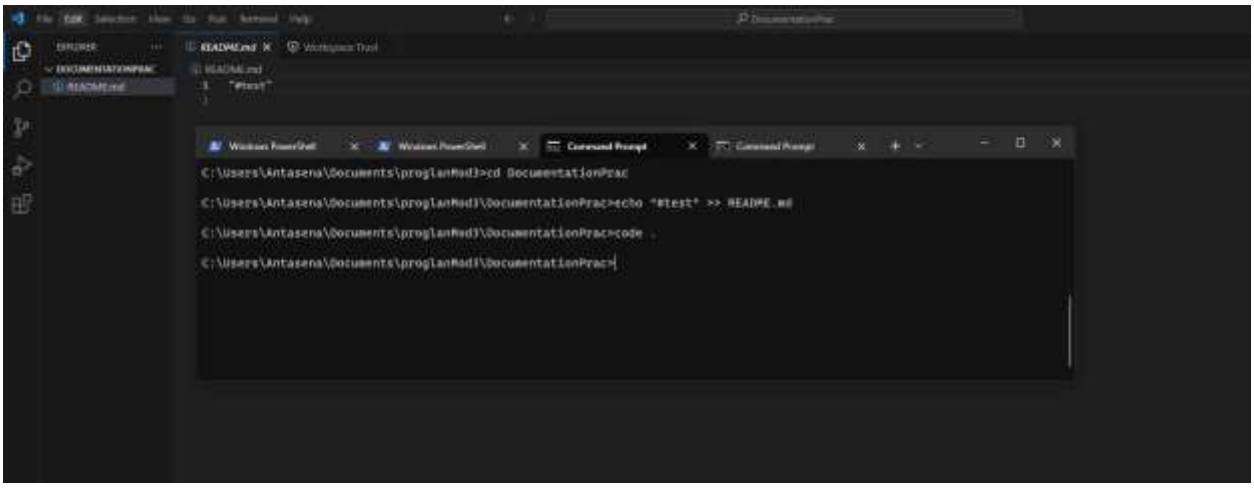

/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/co
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/com
11 kB at 84 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/co
m
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/com
(58 kB at 498 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/apache/15/
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/apache/15/a
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/p
.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/pl
jar (267 kB at 606 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/p
exus-component-annotations-2.1.1.jar
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/commons/co
Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/pl
xus-component-annotations-2.1.1.jar (4.1 kB at 105 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/com
54 kB at 293 kB/s)
Hello World!
[INFO] --
[INFO] BUILD SUCCESS
[INFO] --
[INFO] Total time: 4.457 s
[INFO] Finished at: 2023-10-26T16:28:16+07:00
[INFO] --
D:\Laporan\Java Smt 3\Modul 3\DependencyPractice>

LATIHAN 3: Menyusun Dokumentasi dalam File README

1.Membuat dir baru dan masuk ke directory baru

```
C:\Windows\System32\cmd.e
Microsoft Windows [Version 10.0.22621.2428]
(c) Microsoft Corporation. All rights reserved.

D:\download\LawakKauDeck-main>git clone https://github.com/HyMicro/LawakKauDeck.git
Cloning into 'LawakKauDeck'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.

D:\download\LawakKauDeck-main>dir
 Volume in drive D is New Volume
 Volume Serial Number is FE4D-5ECC

 Directory of D:\download\LawakKauDeck-main

26/10/2023  16:59    <DIR>          .
26/10/2023  16:40    <DIR>          ..
26/10/2023  16:59    <DIR>          LawakKauDeck
               0 File(s)              0 bytes
               3 Dir(s)  93.166.985.216 bytes free

D:\download\LawakKauDeck-main>LawakKauDeck
'LawakKauDeck' is not recognized as an internal or external command,
operable program or batch file.

D:\download\LawakKauDeck-main>cd LawakKauDeck

D:\download\LawakKauDeck-main\LawakKauDeck>git add README.md
```

2.membuat file README.md

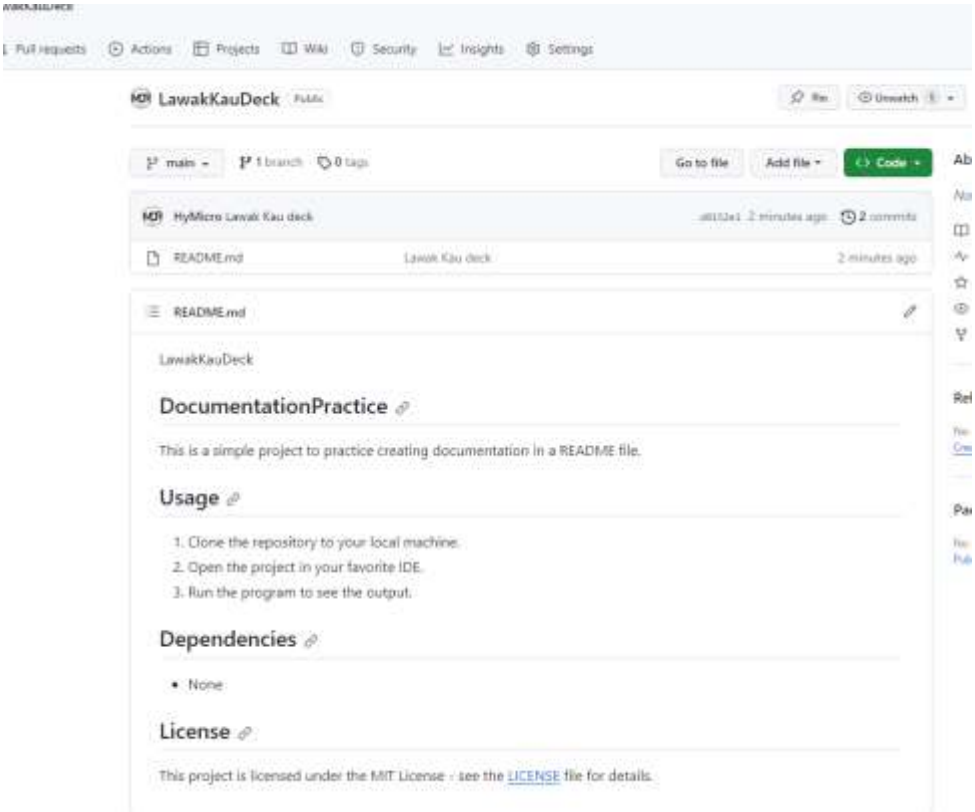


3.membuat content di README.md

README.md

README.md > # # DocumentationPractice > ## License

```
1  LawakKauDeck
2  # # DocumentationPractice
3  This is a simple project to practice creating documentation in a README file.
4
5  ## Usage
6  1. Clone the repository to your local machine.
7  2. Open the project in your favorite IDE.
8  3. Run the program to see the output.
9
10 ## Dependencies
11 - None
12
13 ## License
14 This project is licensed under the MIT License - see the [LICENSE](LICENSE) file for details.
```

Note:disini README.md untuk latihan 3 saya push ke repo di ke latihan 1

Berikut hasil preview nya