
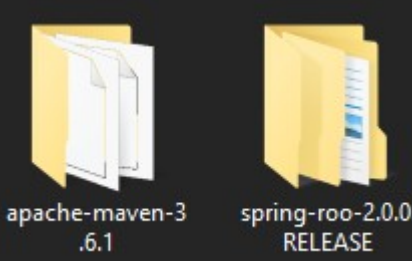
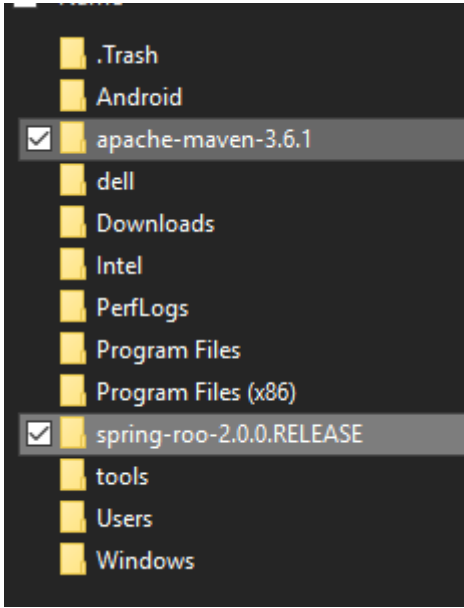
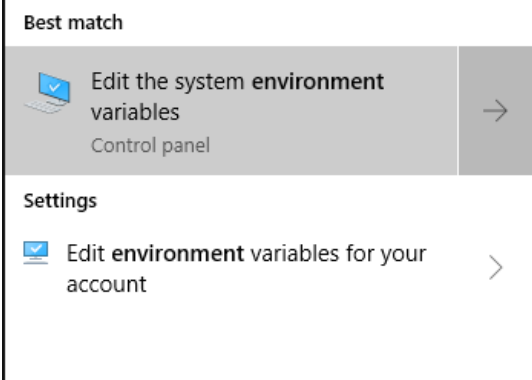
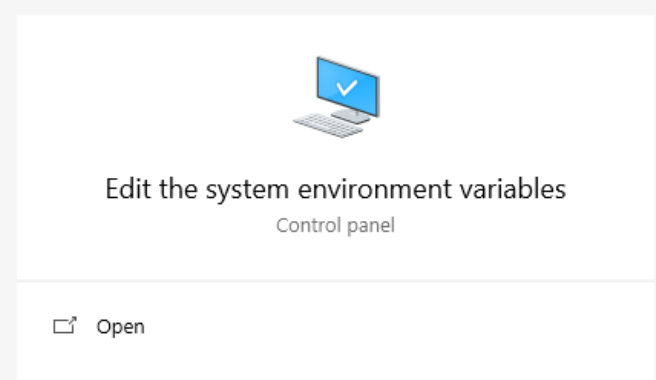
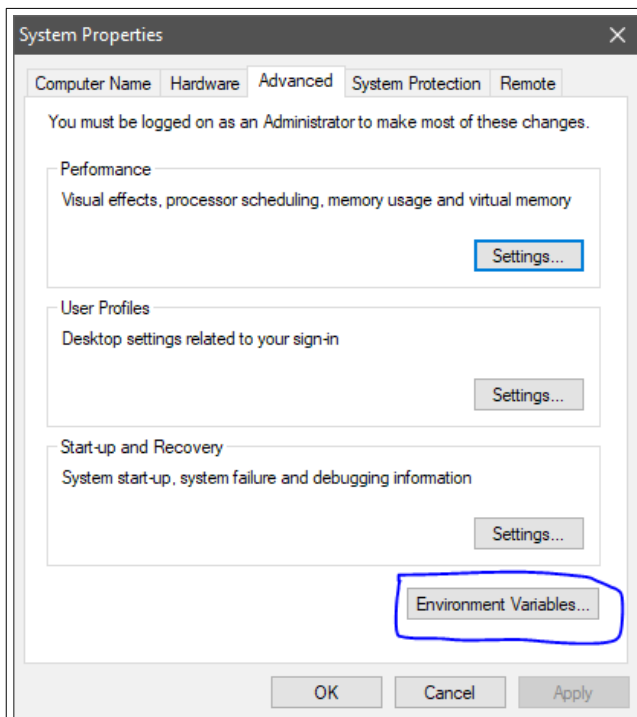
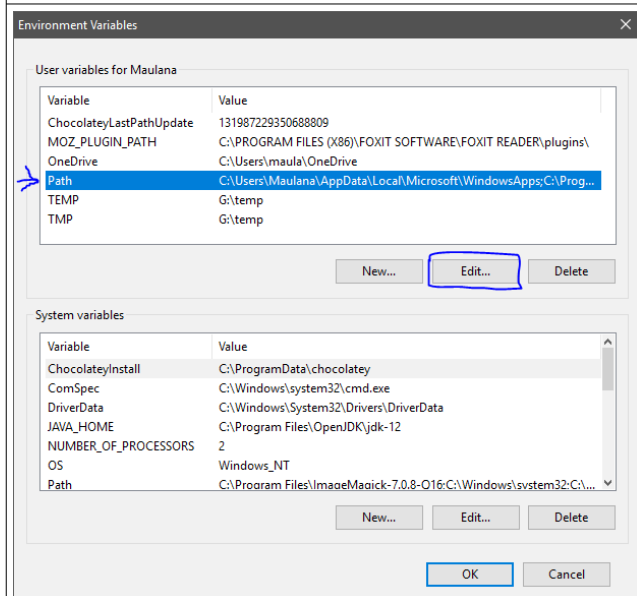


Cara Register Spring Roo dan Maven ke Sistem Windows

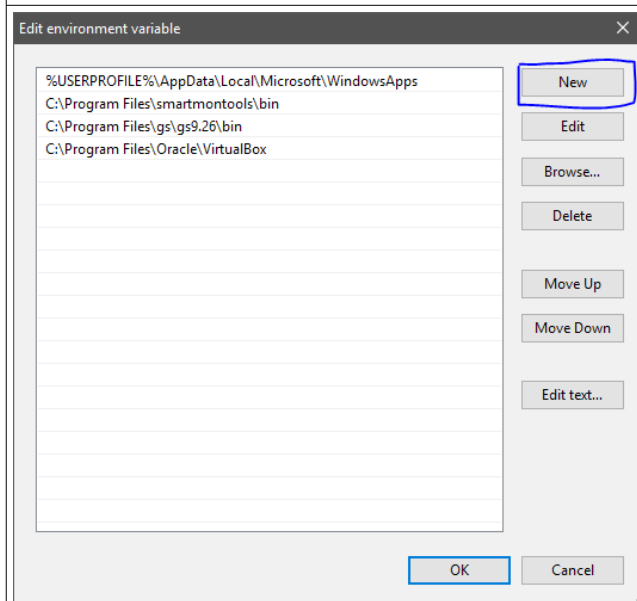
 <p>apache-maven-3.6.1-bin.zip spring-roo-2.0.0.RELEASE.zip</p>	<p>1. Download lah Spring Roo dan Maven dari situs resminya</p>
 <p>apache-maven-3.6.1 spring-roo-2.0.0.RELEASE</p>	<p>2. Extract keduanya sehingga mendapatkan 2 folder berikut</p>
	<p>3. Pindahkan folder-folder tersebut ke Drive C: untuk memudahkan pencarian</p>
	
<p>4. Bukalah start dan cari Environment Variables</p>	



5. Lalu akan terbuka dialog, dan klik tombol Environment Variables



6. Cari Variable Path lalu klik Edit



7. Klik New untuk mendaftarkan Spring Roo dan Maven satu per satu

> This PC > Windows 10 (C:) > spring-roo-2.0.0.RELEASE > bin

8. Ceklah alamat letak folder bin dari Spring Roo dan Maven (harus folder bin).
Kopi alamat tersebut dan paste kan di New tadi.

```
%USERPROFILE%\AppData\Local\Microsoft\WindowsApps  
C:\Program Files\smartmontools\bin  
C:\Program Files\gs\gs9.26\bin  
C:\Program Files\Oracle\VirtualBox  
C:\spring-roo-2.0.0.RELEASE\bin  
C:\apache-maven-3.6.1\bin
```

9. Jika dilakukan dengan benar maka kita akan melihat dua variabel baru ini, lalu klik OK. Dan buka CMD

```
CA\Windows\system32\cmd.exe  
C:\Users\Maulana>mvn --help  
usage: mvn [<options>] [<goal(s)>] [<phase(s)>]  
  
Options:  
-am,--also-make                If project list is specified, also  
                                build projects required by the  
                                list  
-amd,--also-make-dependents    If project list is specified, also  
                                build projects that depend on  
                                projects on the list  
-B,--batch-mode                Run in non-interactive (batch)  
                                mode (disables output color)  
-b,--builder <arg>            The id of the build strategy to  
                                use  
-C,--strict-checksums          Fail the build if checksums don't  
                                match  
-c,--lax-checksums             Warn if checksums don't match  
-cpu,--check-plugin-updates    Ineffective, only kept for  
                                backward compatibility  
-D,--define <arg>             Define a system property  
-e,--errors                    Produce execution error messages  
-emp,--encrypt-master-password <arg> Encrypt master security password  
-ep,--encrypt-password <arg>  Encrypt server password  
-f,--file <arg>               Force the use of an alternate POM  
                                file (or directory with pom.xml)  
-fae,--fail-at-end             Only fail the build afterwards;  
                                allow all non-impacted builds to  
                                continue  
-ff,--fail-fast                Stop at first failure in
```

10. Ketik roo atau mvn untuk mengetes apabila sudah terdaftar ke CMD.
PASTIKAN Java JDK 8 Sudah terinstall di sistem Windows! Jika berhasil,
praktikum siap dilakukan