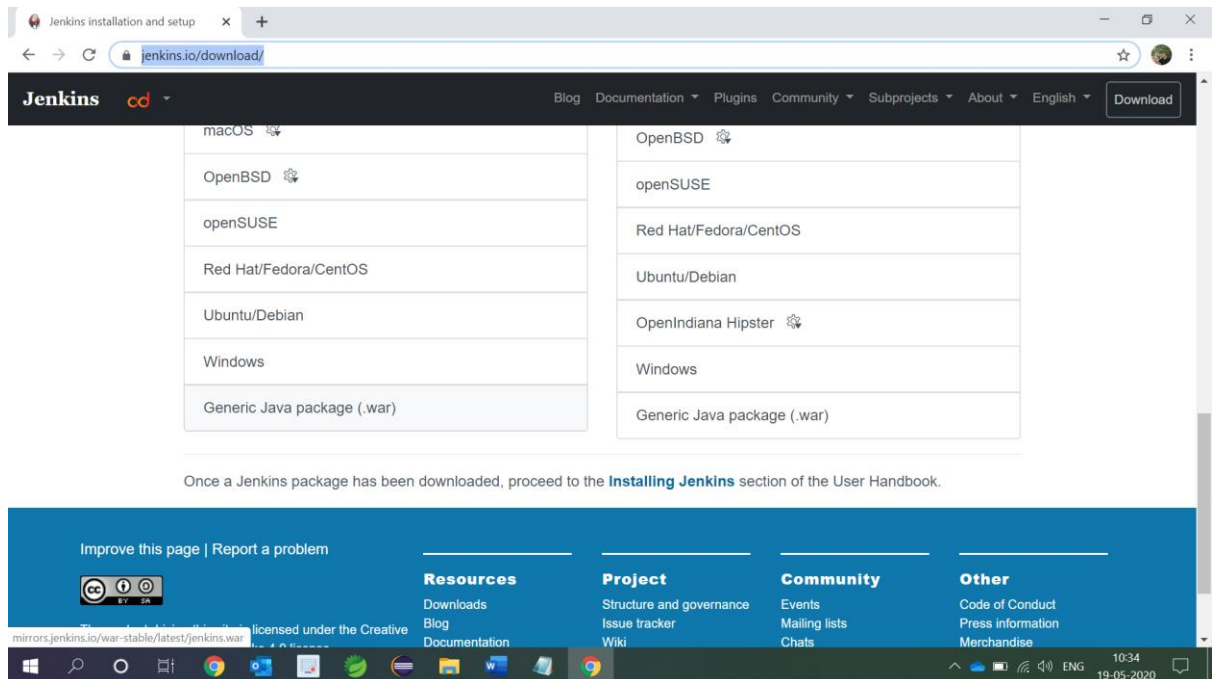


Jenkins Setup

1. Visit Jenkins official website and go to download page.
(<https://www.jenkins.io/download/>)

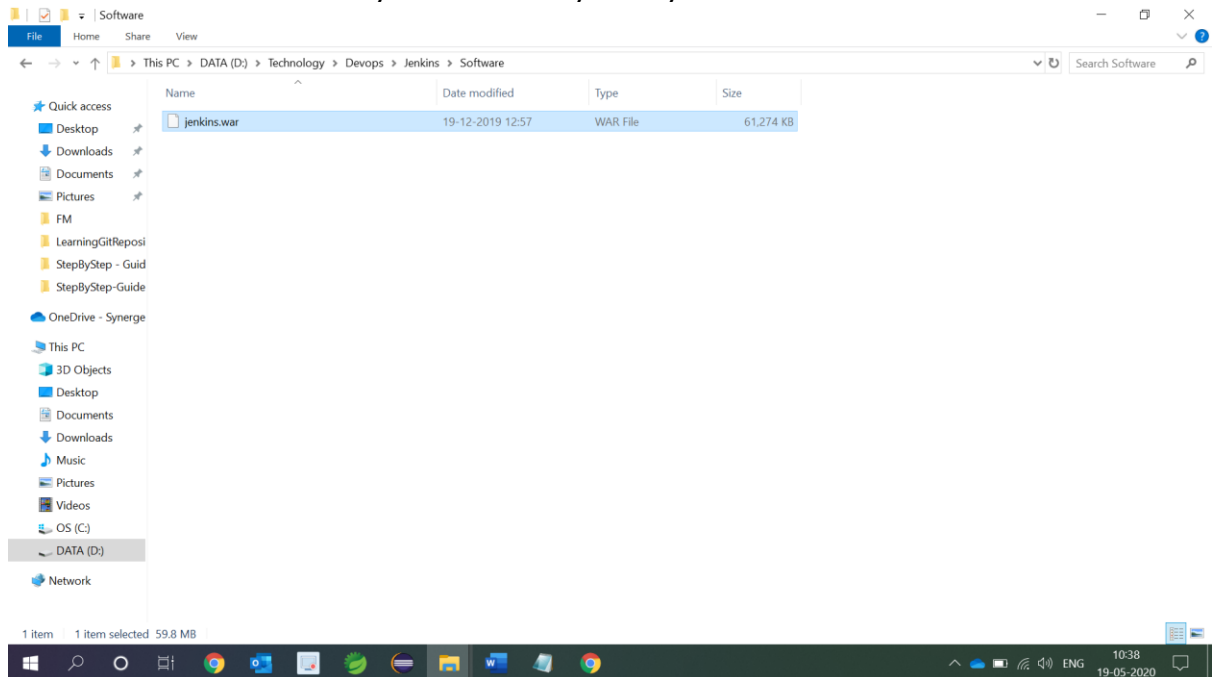


2. Download Generic Java package (.war)

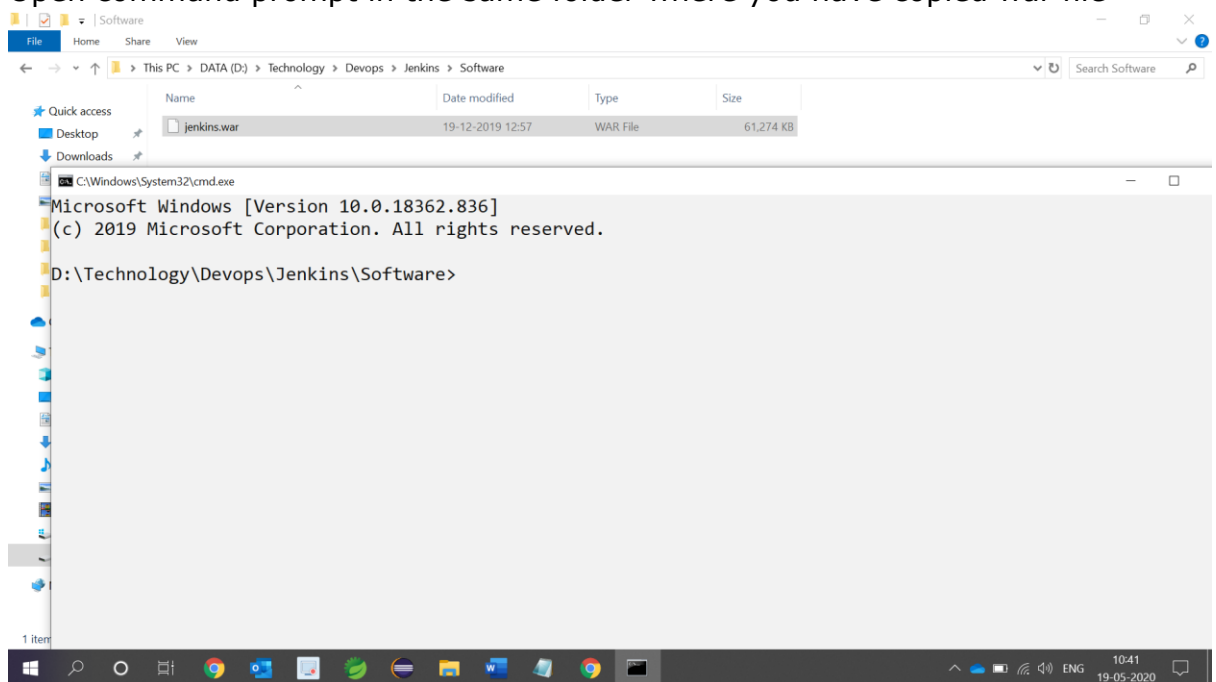


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3. Place the war file into any location on your system



4. Open command prompt in the same folder where you have copied war file



5. Execute war file using any one of the following commands

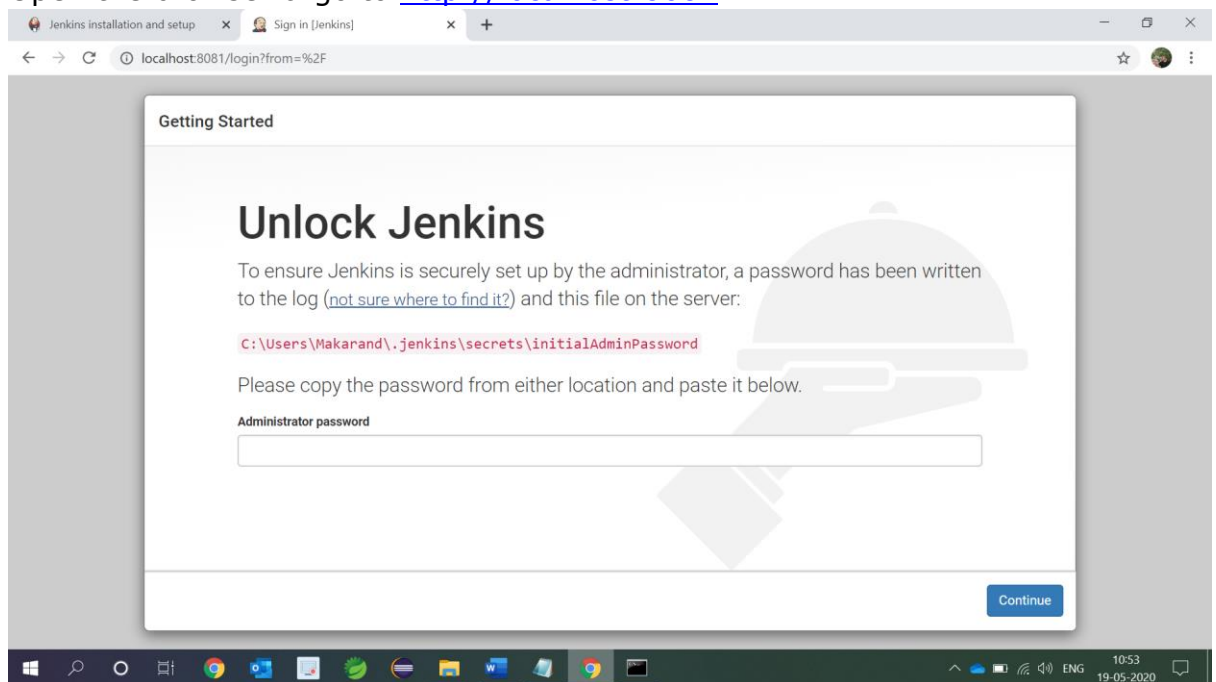
- java -jar jenkins.war (execute on default port 8080)
- java -jar jenkins.war --httpPort=8081 (execute on port 8081)

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```
C:\Windows\System32\cmd.exe - java -jar jenkins.war --httpPort=8081
Microsoft Windows [Version 10.0.18362.836]
(c) 2019 Microsoft Corporation. All rights reserved.

D:\Technology\Devops\Jenkins\Software>java -jar jenkins.war --httpPort=8081
Running from: D:\Technology\Devops\Jenkins\Software\jenkins.war
webroot: $user.home/.jenkins
2020-05-19 05:16:34.906+0000 [id=1] INFO org.eclipse.jetty.util.log.Log#initialized: Logging initialize
d @834ms to org.eclipse.jetty.util.log.JavaUtilLog
2020-05-19 05:16:34.957+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war fil
e
2020-05-19 05:16:34.990+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler#setContextPath: Empty contextPa
th
2020-05-19 05:16:35.056+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-9.4.22.v2019102
2; built: 2019-10-22T13:37:13.455Z; git: b1e6b55512e008f7fbd1cbea4ff8a6446d1073b; jvm 11.0.6+8-LTS
```

6. Open the browser & go to <http://localhost:8081>



7. You can find out initial admin password in a specified file or from command prompt

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```
C:\Windows\System32\cmd.exe - java -jar jenkins.war --httpPort=8081

*****
*****
*****

Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:

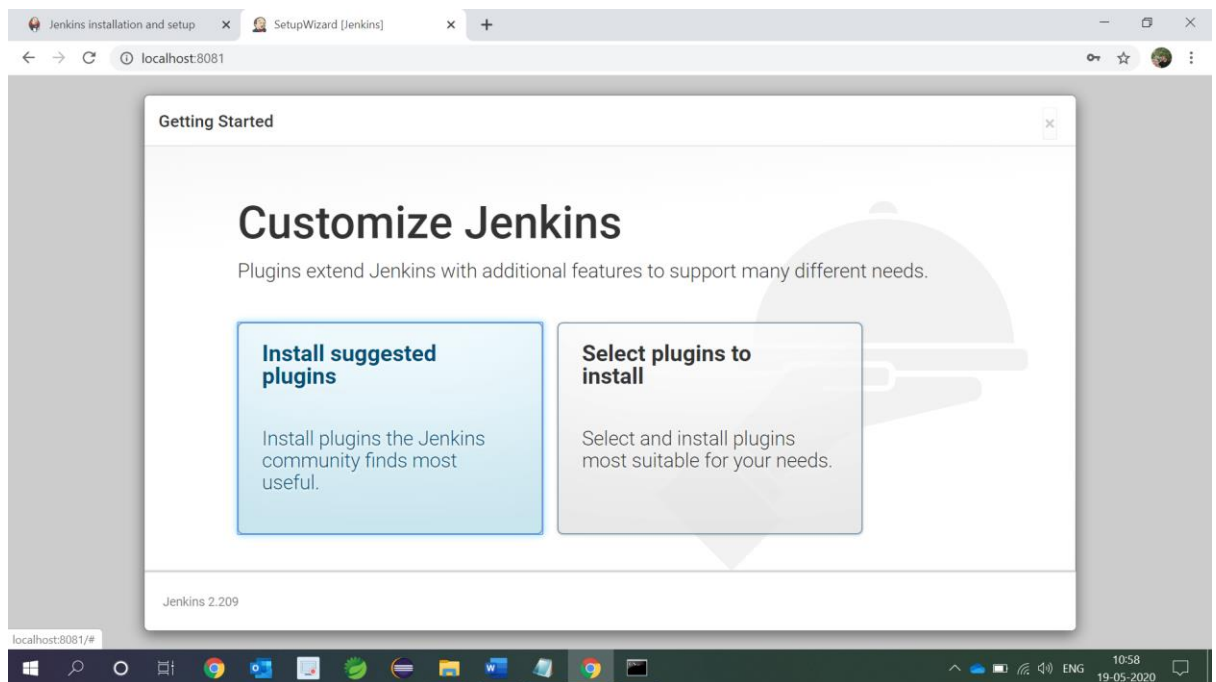
2300bb1a20554f05b298c62b31c178ac

This may also be found at: C:\Users\Makarand\.jenkins\secrets\initialAdminPassword

*****
*****
*****

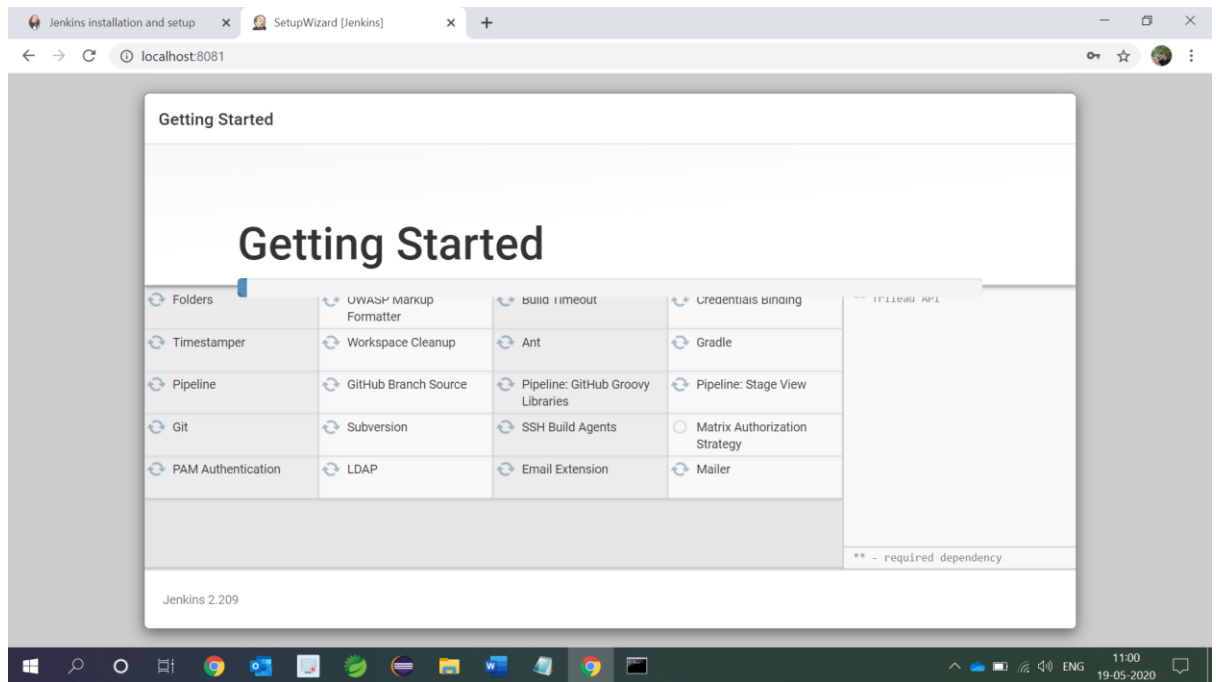
2020-05-19 05:22:38.989+0000 [id=58] INFO h.m.DownloadService$Downloadable#load: Obtained the updated da
ta file for hudson.tasks.Maven.MavenInstaller
2020-05-19 05:22:38.989+0000 [id=58] INFO hudson.util.Retrier#start: Performed the action check updates
server successfully at the attempt #1
2020-05-19 05:22:38.998+0000 [id=58] INFO hudson.model.AsyncPeriodicWork#lambda$doRun$0: Finished Downlo
ad metadata. 102,188 ms
2020-05-19 05:22:46.161+0000 [id=38] INFO jenkins.InitReactorRunner$1#onAttained: Completed initializati
on
2020-05-19 05:22:46.186+0000 [id=24] INFO hudson.WebAppMain$3#run: Jenkins is fully up and running
```

8. Enter the password & click on continue, you will see following screen

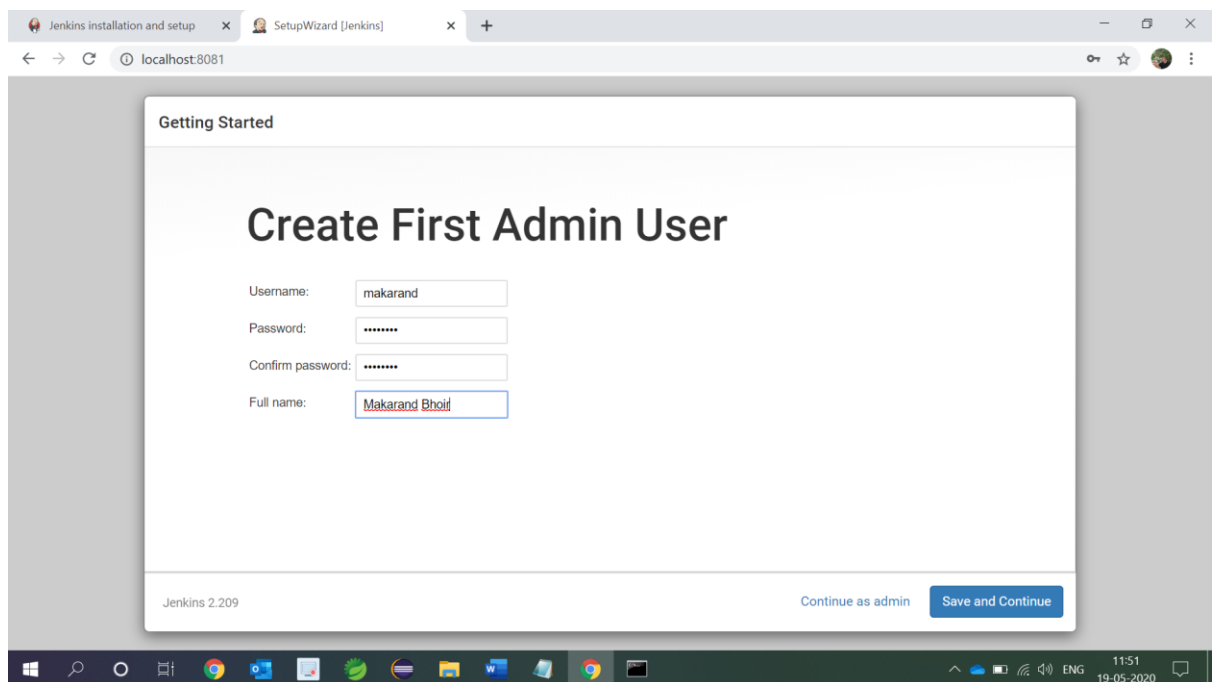


9. Click on the "Install suggested plugins" & installation will begin and it will take 15-25 minutes to finish depending on internet speed. It requires internet connectivity

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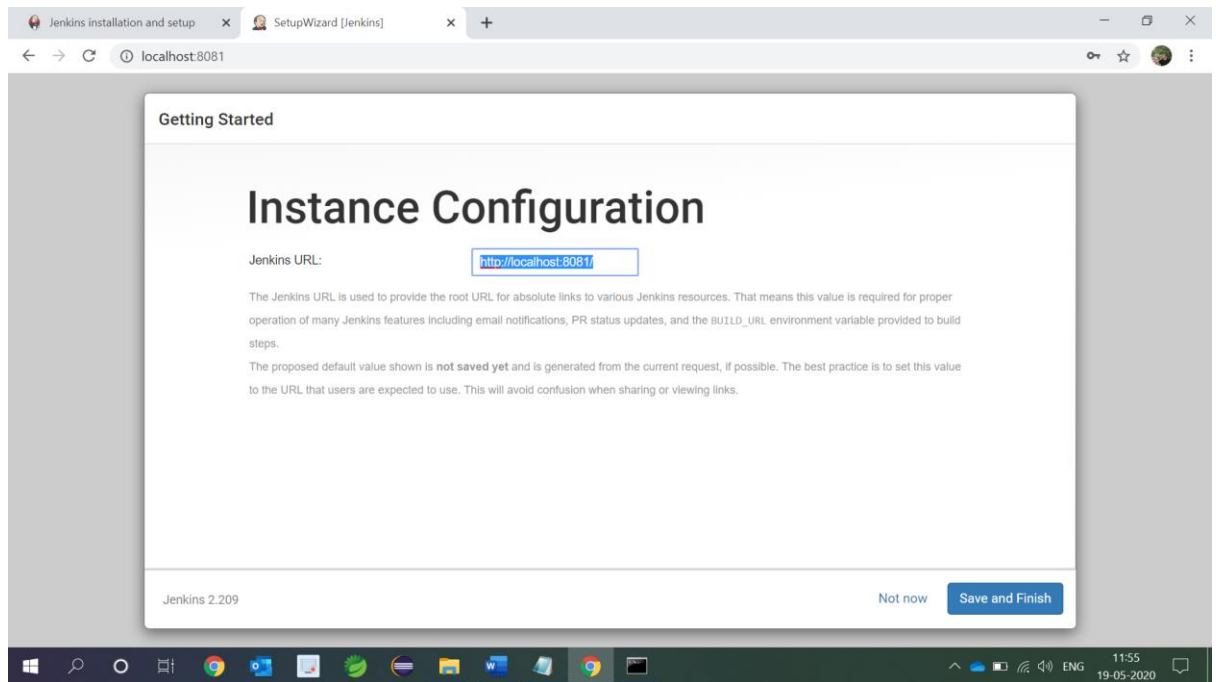


10. Once all the plug-ins are installed (some may get failed) click on continue. You will see following screen where it will allow you to setup your own username and password

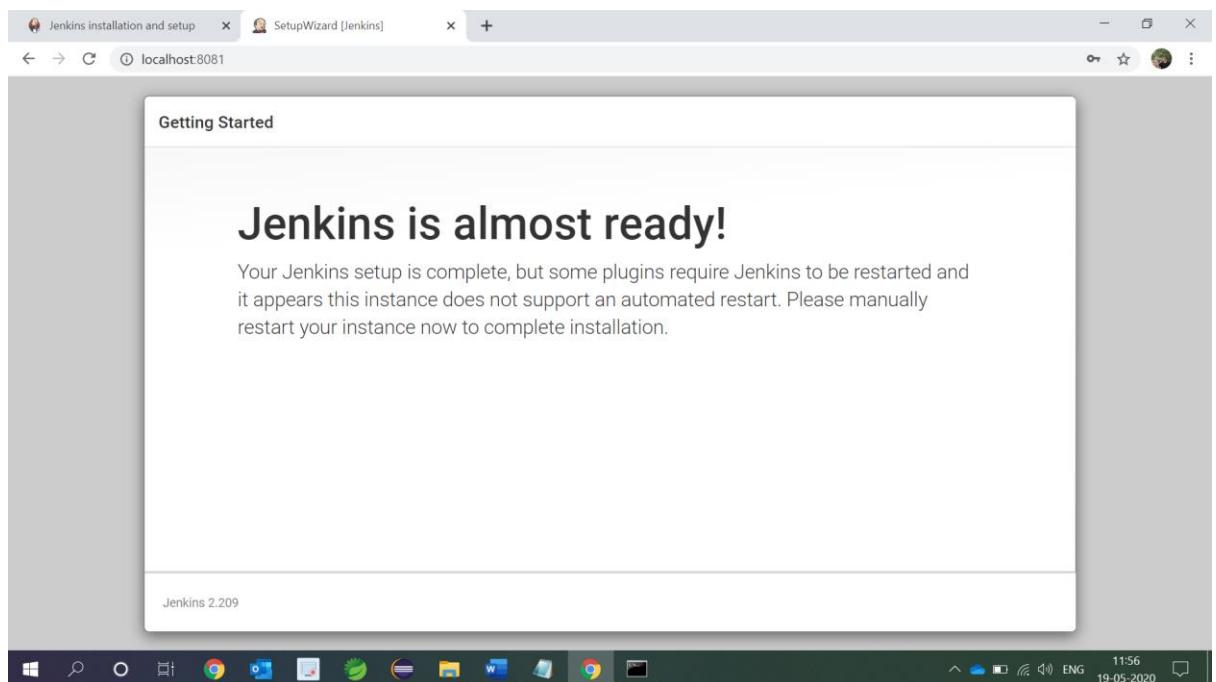


11. When you click on "Save and Continue" button. You will see following screen

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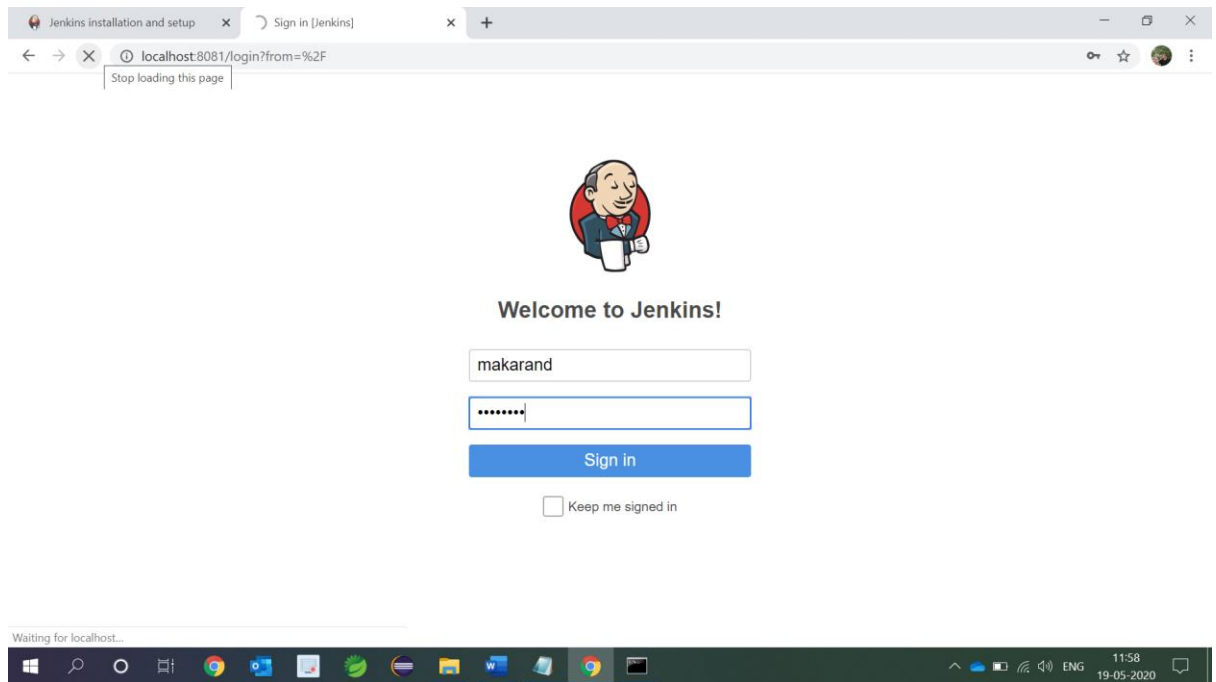


12. Click on "Save and Finish" button. It may ask to manually restart the jenkins.



13. Open browser and type <http://localhost:8081>

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14. Click on "Sign in" button. It will take you to home page as shown in below screen

