CI-CD Project Screenshots

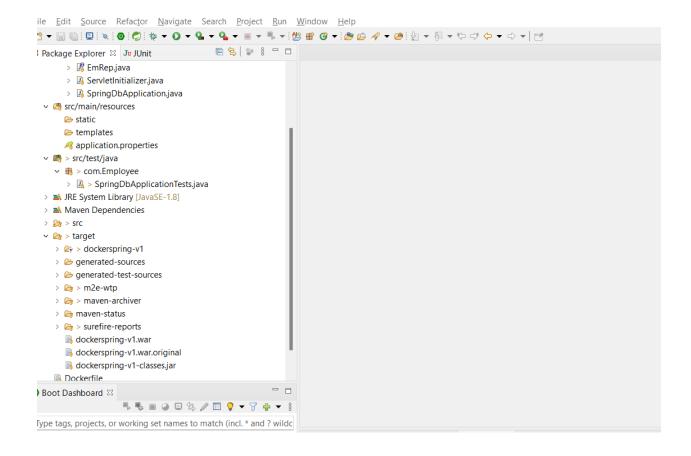
Version History:

Author:	Balanarenthiran. A
Purpose:	Application Screenshots
Date:	26 th Mar, 2022
Version:	1.0

Table of Content:

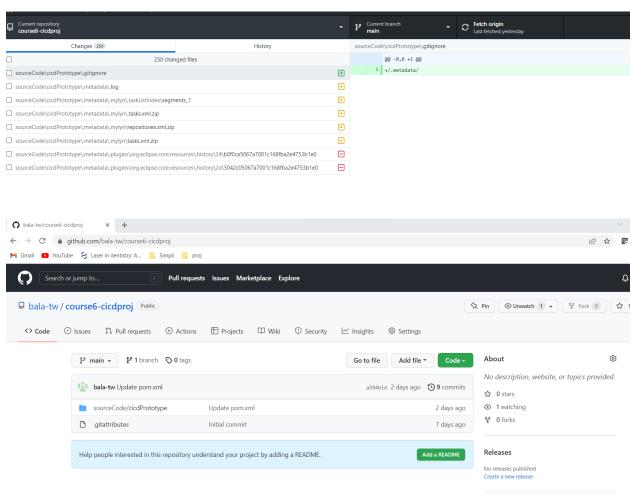
Eclipse .war file generation	;
Github:	
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Jenkins:	[
Docker	8
Amazon – AWS	

Eclipse .war file generation



Github:

Code is pushed through Github desktop



Jenkins:

Starting Jenkins,

```
Administrator: Command Prompt

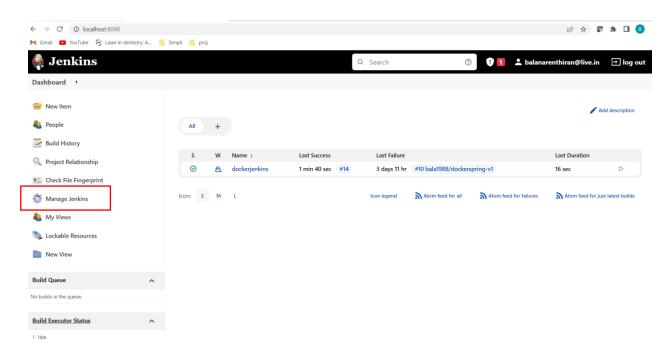
Microsoft Windows [Version 10.0.22000.556]
(c) Microsoft Corporation. All rights reserved.

C:\WINDOWS\system32>net start jenkins
The requested service has already been started.

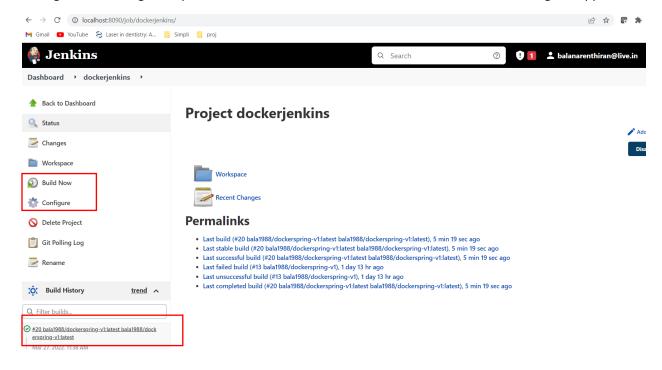
More help is available by typing NET HELPMSG 2182.

C:\WINDOWS\system32>
```

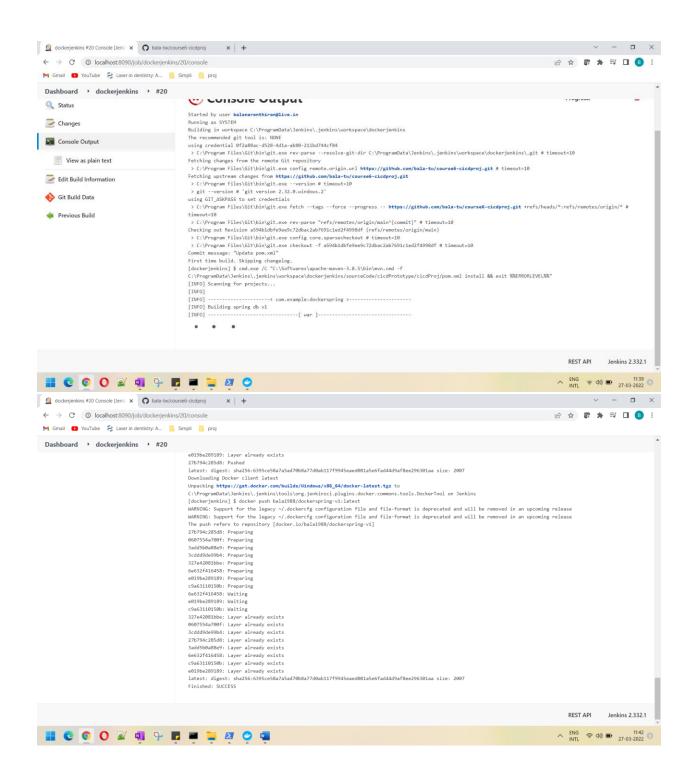
Login to Jenkins and create a new project (dockerjenkins here), click on manage Jenkins then download all the required tools from Global tool config, and plugins.



Configure for adding Git repositories and Docker details, then click build now for building the app

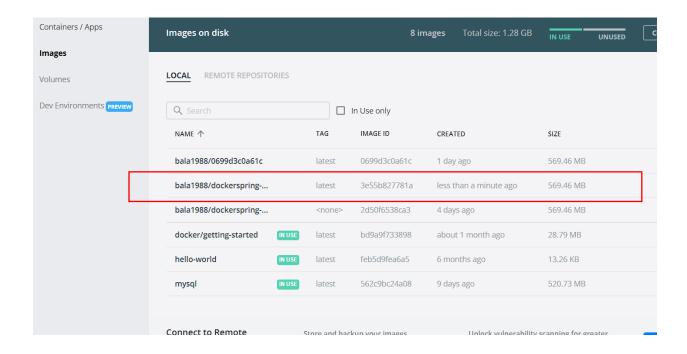


After clicking on the build go to build history at bottom to check the console output log, .war file is successfully transferred to Docker as an image file.



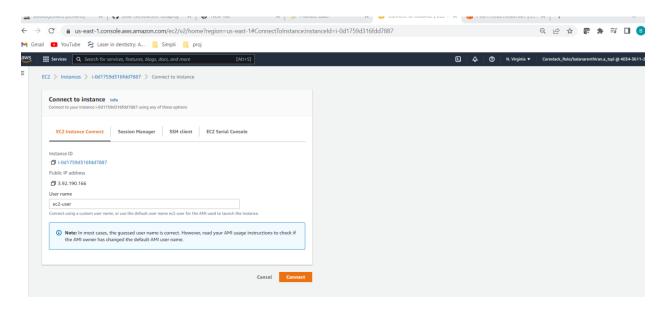
Docker

Docker image file as below,



Amazon – AWS

Creation of AWS instance, EC2-



Install jdk, mysql, and docker as in screenshot and login to the docker,

Running the docker image file from amazon - ec2 instance

```
44516a0bcb60: Pull complete
a617eb0fde5b: Pull complete
Digest: sha256:6395ce58a7a5ad70b8a77d0ab117f9945eaed081a5e6fad44d9af8ee296301aa
Digest: sha256:6395ce58a7a5ad70b8a77dabl17f9945eaed08la5e6fad44d9af8ee29630laa
Status: Downloaded newer image for bala1988/dockerspring-v1:latest
docker.io/bala1988/dockerspring-v1:latest
[root@ip-172-31-86-212 ~]# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
pala1988/dockerspring-v1 latest 3e55b827781a 56 minutes ago 569MB
[root@ip-172-31-86-212 ~]# docker run --name docker-msql -e MYSQL_ROOT_PASSWORD=password -e MYSQL_DATABASE=test -e MYSQL_US
 lugin=mysql_native_password

Jnable to find image 'mysql:latest' locally
latest: Pulling from library/mysql

A40007099961: Pull complete
e2b610d88fd9: Pull complete
38567843b438: Pull complete
5fc423bf9558: Pull complete
    a8241dfe828: Pull complete
 cc662311610e: Pull complete
9832d1192cf2: Pull complete
f2aa1710465f: Pull complete
    a2d5722b8f3: Pull complete
    a246e8d7cac: Pull complete
 2f834692d7cc: Pull complete
a37409568022: Pull complete
Digest: sha256:b2ae0f527005d99bacdf3a220958ed171e1eb0676377174f0323e0a10912408a
5tatus: Downloaded newer image for mysql:latest
3610da0893932eb271a6174109aa0944f3d338f51899b04de163665f4a2b80bd
[root@ip-172-31-86-212 ~]# docker run 3e55b827781a
                                                                                                                                                                                                                                                                                                                                                                                                                                                               PORTS
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      name|uid>[:<group|gid>])
                                                                                                                          main] com.Employee.SpringDbApplication
root in /)
                                                                                                                                                                                                                                                                                                             : Starting SpringDbApplication vvl using Java 1.8.0_322 on b88829dc61f1 with P
                                                                                                                                                          main] com.Employee.SpringDbApplication : No active profile set, falling back to default profiles: default
main] .s.d.r.c.RepositoryConfigurationDelegate : Bootstrapping Spring Data JPA repositories in DEFAULT mode
main] .s.d.r.c.RepositoryConfigurationDelegate : Finished Spring Data repository scanning in 109 ms. Found i JPA repository i
                                                                                                                                                         main] o.s.b.w.embedded.tom.cat.Tom.catWebServer : Tom.cat initialized with port(s): 8080 (http)
main] o.sapache.catalina.core.StandardService : Starting service [Tom.cat]
main] org.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache Tom.cat/9.0.55]
main] org.apache.jasper.servlet.TidScanner : At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug to the start of the s
                              .
7 07:52:25.619
7 07:52:25.651
7 07:52:25.652
7 07:52:28.937
     Public IPs: 3.92.190.166 Private IPs: 172.31.86.212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ^ ENG ♠ ♠ ♠ 13:25 ☐
```