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2KE20CS032

Assignment 23

Understood. To follow the provided instructions and create the files/directory using the same name and case as provided in the task steps, please provide me with the specific names and case instructions for the files/directory you want to create.

Git

Assignment 2 :Build a war file Deploy into the tomcat

Prerequisites

Install apache-maven in your machine

Install java version 11

Install apache-tomcat

1. Clone this repository https://github.com/abdulmalik07-m/java_project.git
2. Navigate inside the project's Directory

```
lusy@localhost.localdomain ~/node-mysql-crud git:(main) ±4 (0.02s)
cd

lusy@localhost.localdomain ~ git:(HEAD) ±9 (0.024s)
ls
Docker  Docker2  Docker4_sql_data  hello-world  mattermost  mysql_data  sql  -v.hwm  -v.pwi
Docker1  Docker3  Docker5          java_project  maven-test1  node-mysql-crud  test-docker-compose  -v.pwd

lusy@localhost.localdomain ~ git:(HEAD) ±9 (0.018s)
cd java_project

lusy@localhost.localdomain ~/java_project git:(main)±1
|
```

3. Execute "mvn clean"

```
lusy@localhost.localdomain ~/java_project git:(main) ±1 (1.037s)
mvn clean
[INFO] Scanning for projects...
[INFO] -----< com.efsavage:hello-world-war >-----
[INFO] Building Hello World Web Application Repository 1.0.0
[INFO] -----[ war ]-----
[INFO] --- maven-clean-plugin:2.5:clean (default-clean) @ hello-world-war ---
[INFO] Deleting /home/lusy/java_project/target
[INFO] -----
```

4. Execute mvn package

```
lusy@localhost.localdomain ~/java_project git:(main) ±1 (1.289s)
mvn package
[INFO] Scanning for projects...
[INFO] -----< com.efsavage:hello-world-war >-----
[INFO] Building Hello World Web Application Repository 1.0.0
[INFO] -----[ war ]-----
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ hello-world-war ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e.
[INFO] skip non existing resourceDirectory /home/lusy/java_project/src/main/resources
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ hello-world-war ---
[INFO] No sources to compile
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ hello-world-war ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e.
[INFO] skip non existing resourceDirectory /home/lusy/java_project/src/test/resources
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ hello-world-war ---
[INFO] No sources to compile
[INFO]
```

5. A Directory named 'target' is created

```
lusy@localhost.localdomain ~/java_project git:(main) ±1 (0.017s)
cd target/

lusy@localhost.localdomain ~/java_project git:(main) ±1 (0.025s)
ls
hello-world-war-1.0.0  hello-world-war-1.0.0.war  maven-archiver
```

6. Navigate inside "target" directory and copy the the war file into tomcat webapps folder

```
lusy@localhost.localdomain ~/java_project/target git:(main) ±1 (0.019s)
cat hello-world-war-1.0.0.war
âFWEyPQMETA-INF/MANIFEST.MF00LK-.0K-*0jR000r.JM,IM0R0,Kw
.HMj400PK                                0M0S00q*0I0J0
âFW      META-INF/PK
âFWEB-INF/PK
0L0=VD00 w0000-E gm.500n*c0X1H^0$3R^qD0#0ZI000tQ0a0y0Z00E,[$C0uc9e$0800kE0005
J T=00dl%0/LM!090a
```

```
lusy@localhost.localdomain /usr/share/tomcat/webapps (0.131s)
```

```
sudo systemctl stop firewalld
```

```
lusy@localhost.localdomain /usr/share/tomcat/webapps (2m 16.51s)
```

```
sudo systemctl status firewalld
```

```
o firewalld.service - firewalld - dynamic firewall daemon
```

```
Loaded: loaded (/usr/lib/systemd/system/firewalld.service; enabled; preset: en
```

```
Active: inactive (dead) since Fri 2023-10-06 19:55:25 IST; 2s ago
```

```
Duration: 40min 5.139s
```

```
Docs: man:firewalld(1)
```

```
Process: 675 ExecStart=/usr/sbin/firewalld --nofork --nopid $FIREWALLD_ARGS (co
```

```
Main PID: 675 (code=exited, status=0/SUCCESS)
```

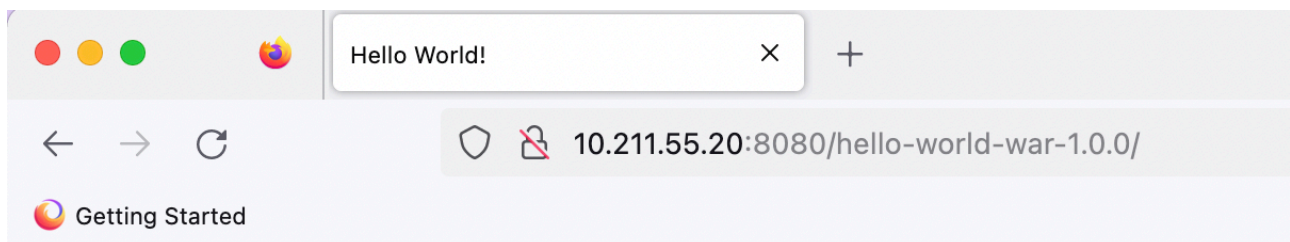
```
CPU: 533ms
```

7. Restart the tomcat and access your page

http://your_ipaddress:8080/hello-world-war-1.0.0

C

A Not secure 192.168.56.111:8080/hello-world-war-1.0.0/



Hello World!

It is now Fri Oct 06 19:55:51 IST 2023

You are coming from 10.211.55.2

