ROCK PAPER SCISSOR GAME

About:

I have created a rock paper scissor game in which multiple clients can connect to the server at the same time and play game with each other.

I have used JSON library for share data between client and server .

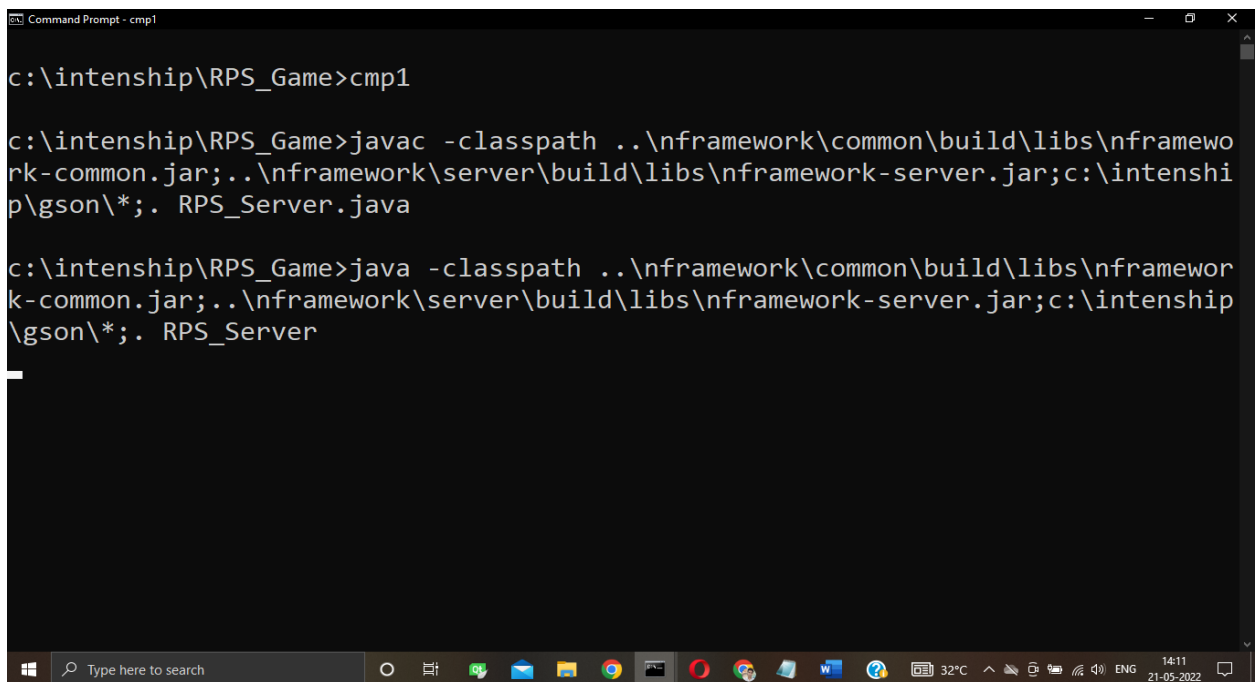## Tools Used:

Gradle build 6.5 : For compile java files

Requirement:

Java version : java 14.0.2 or above

Process :

For Run:

Server: c:\intenship\RPS_Game\cmp1.bat

Client :   c:\intenship\RPS_GAME\cmp2.bat


```
c:\intenship\RPS_Game>cmp2

c:\intenship\RPS_Game>javac -classpath ..\nframework\common\build\libs\nframewo
rk-common.jar;..\nframework\client\build\libs\nframework-client.jar;c:\intenshi
p\gson\*;. RPS_Client.java

c:\intenship\RPS_Game>java -classpath ..\nframework\common\build\libs\nframewor
k-common.jar;..\nframework\client\build\libs\nframework-client.jar;c:\intenship
\gson\*;. RPS_Client
Enter player Id:
11
********************
1. ROCK
2. PAPER
3. SCISSOR
Enter your choice
2
```



```
c:\intenship\RPS_Game>cmp2

c:\intenship\RPS_Game>javac -classpath ..\nframework\common\build\libs\nframewo
rk-common.jar;..\nframework\client\build\libs\nframework-client.jar;c:\intenshi
p\gson\*;. RPS_Client.java

c:\intenship\RPS_Game>java -classpath ..\nframework\common\build\libs\nframewor
k-common.jar;..\nframework\client\build\libs\nframework-client.jar;c:\intenship
\gson\*;. RPS_Client
Enter player Id:
13
********************
1. ROCK
2. PAPER
3. SCISSOR
Enter your choice
3
```

```
*******************
1. ROCK
2. PAPER
3. SCISSOR
Enter your choice
2
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.gson.internal.reflect.UnsafeR
eflectionAccessor (file:/C:/intenship/gson/gson-2.8.9.jar) to field java.lang.
Throwable.detailMessage
WARNING: Please consider reporting this to the maintainers of com.google.gson.
internal.reflect.UnsafeReflectionAccessor
WARNING: Use --illegal-access=warn to enable warnings of further illegal refle
ctive access operations
WARNING: All illegal access operations will be denied in a future release
*******************
You lose!

C:\intenship\RPS_Game>
```

```
*******************
1. ROCK
2. PAPER
3. SCISSOR
Enter your choice
3
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by com.google.gson.internal.reflect.UnsafeRe
flectionAccessor (file:/C:/intenship/gson/gson-2.8.9.jar) to field java.lang.Th
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nternal.reflect.UnsafeReflectionAccessor
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflec
tive access operations
WARNING: All illegal access operations will be denied in a future release
*******************
You Win!

c:\intenship\RPS_Game>
```