Environment
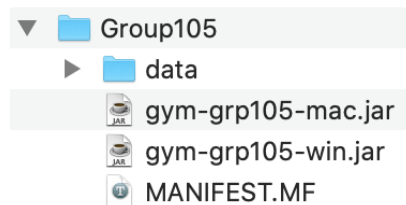
JDK version：JDK 13+

Operating System：Mac OS X, Windows

Running

Mac OS X

1. Change directory using cd command

Please make sure that you are using command line (terminal) in mac os, and your working directory has those four files.

```
▼ 📁 Group105
    ▶ 📁 data
       📄 gym-grp105-mac.jar
       📄 gym-grp105-win.jar
       📄 MANIFEST.MF
```

```
(base) daliangrun@daliangrundeMacBook-Pro Group105 % ls
MANIFEST.MF              gym-grp105-mac.jar
data                    gym-grp105-win.jar
```
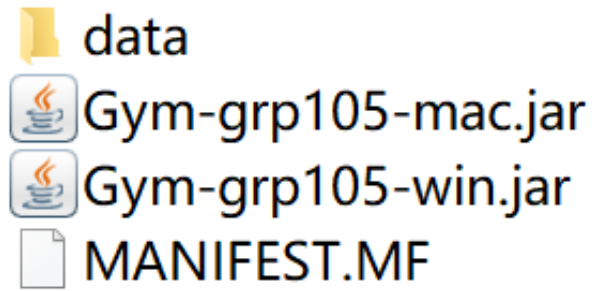
2. Running application using java -jar

```
1  java -jar gym-grp105-mac.jar
```

```
(base) daliangrun@daliangrundeMacBook-Pro Group105 % java -jar gym-grp105-mac.ja
r
6月 01, 2021 11:34:31 下午 com.sun.javafx.application.PlatformImpl startup
警告: Unsupported JavaFX configuration: classes were loaded from 'unnamed module
 @2ac65e04'
```

You can ignore the warning information, because it is due to the internal loading naming mechanism of JVM, and it is harmless.

Win

1. You're supposed to enter the working directory that contains these four files, using cd command line doing this.

2. Using java -jar command to run it

```
1   java -jar gym-grp105-win.jar
```

```
D:\StudyAndLearn\AgileDevelopment\Group105>java -jar Gym-grp105-win.jar
6月 02, 2021 12:07:59 上午 com.sun.javafx.application.PlatformImpl startup
警告: Unsupported JavaFX configuration: classes were loaded from 'unnamed module @290f9263'
```

You can ignore the warning information, because it is due to the internal loading naming mechanism of JVM, and it is harmless.