```
@echo off

set JAVA_HOME=%JAVA_HOME%
set path=%JAVA_HOME%\bin;%path%

set PROJ_HOME=D:\D2B\java\assign\1\chapter1
set class_path=%class_path%;%PROJ_HOME%\jar\run.jar

java -classpath %class_path% homework.ch1.Welcome

echo.
jar cvf %PROJ_HOME%\myjar\run.jar %PROJ_HOME%\class\homework\ch1\Welcome.class

echo.
echo --ls %PROJ_HOME%\myjar
ls %PROJ_HOME%\myjar
```

run result:

```
PS D:\D2B\java\assign> .\1\1.bat
Welcome to Java World!
When you learn Java, you're learning more than just a language.
Because Java is a technology platform with many interconnected capabilities that can give cutting-edge, in-demand job skills.
In fact, Java tops Inc.com's list of the ten most popular programming languages. Java can take you where you want to go.

added manifest
adding: D2B/java/assign/1/chapter1/class/homework/ch1/Welcome.class(in = 895) (out= 568)(deflated 36%)

--ls D:\D2B\java\assign\1\chapter1\myjar
run.jar
```