

## EX.NO.4

```
Administrator Command Prompt
[INFO] Replacing original artifact with shaded artifact.
[INFO] Replacing C:\Users\cloudlab\git\sample-project\target\calculator.jar with C:\Users\cloudlab\git\sample-project\target\calculator-1.2-shaded.jar
[INFO] --- install:3.1.2:install (default-install) @ calculator ---
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.pom (2.9 kB at 178 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver/1.9.18/maven-resolver-1.9.18.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver/1.9.18/maven-resolver-1.9.18.pom (22 kB at 1.2 MB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.pom
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.pom (2.7 kB at 298 kB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.jar (196 kB at 6.3 MB/s)
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-api/1.9.18/maven-resolver-api-1.9.18.jar (157 kB at 3.2 MB/s)
[INFO] Installing C:\Users\cloudlab\git\sample-project\dependency-reduced-pom.xml to C:\Users\cloudlab\.m2\repository\com\github\calculator\1.2\calculator-1.2.pom
[INFO] Installing C:\Users\cloudlab\git\sample-project\target\calculator.jar to C:\Users\cloudlab\.m2\repository\com\github\calculator\1.2\calculator-1.2.jar
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 1.685 s
[INFO] Finished at: 2024-08-01T08:23:35+05:30
[INFO] -----
C:\Users\cloudlab\git\sample-project>
```

```
Administrator Command Prompt - java -jar calc.jar
[INFO] Replacing original artifact with shaded artifact.
[INFO] Replacing C:\Users\cloudlab\git\sample-project\target\calculator.jar with C:\Users\cloudlab\git\sample-project\target\calculator-1.2-shaded.jar
[INFO] --- install:1.3.1:install (default-install) @ calculator ---
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.pom (2.9 kB at 178 kB/s)
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/resolver/maven-resolver-util/1.9.18/maven-resolver-util-1.9.18.pom (2.9 kB at 178 kB/s)
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[INFO] Installing C:\Users\cloudlab\git\sample-project\dependency-reduced-pom.xml to C:\Users\cloudlab\.m2\repository\com\github\calculator\1.2\calculator-1.2.pom
[INFO] Installing C:\Users\cloudlab\git\sample-project\target\calculator.jar to C:\Users\cloudlab\.m2\repository\com\github\calculator\1.2\calculator-1.2.jar
[INFO] BUILD SUCCESS
[INFO] Total time: 1.685 s
[INFO] Finished at: 2024-08-01T08:23:35+05:30
[INFO] -----
C:\Users\cloudlab\git\sample-project>java -jar calc.jar
Error: Unable to access jarfile calc.jar

C:\Users\cloudlab\git\sample-project>dir
Volume in drive C has no label.
Volume Serial Number is 8278-1179

Directory of C:\Users\cloudlab\git\sample-project

01-08-2024 08:23 <DIR> .
01-08-2024 08:42 <DIR> ..
01-08-2024 08:42 218 project
01-08-2024 08:42 253 .travis.yml
01-08-2024 08:42 4 .
01-08-2024 08:42 25,799 calc.apk
01-08-2024 08:42 121,244 calc.jar
01-08-2024 08:42 24,468 calc.png
01-08-2024 08:42 15,111 calc2.png
01-08-2024 08:42 11,504 checkstyle.xml
01-08-2024 08:23 5,113 dependency-reduced-pom.xml
01-08-2024 08:28 11,736 LICENSE
01-08-2024 08:42 5,186 pom-central.xml
01-08-2024 08:40 5,818 pom.xml
01-08-2024 08:42 500 README.md
01-08-2024 08:42 18 start.cmd
01-08-2024 08:22 <DIR> target
14 File(s) 227,848 bytes
3 Dir(s) 148,285,182,976 bytes free

C:\Users\cloudlab\git\sample-project>java calc.jar
Error: Could not find or load main class calc.jar
Caused by: java.lang.ClassNotFoundException: calc.jar

C:\Users\cloudlab\git\sample-project>java -jar calc.jar
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