

DOCKER FILE

```
# Use an official OpenJDK image as the base image
#FROM openjdk:8-jdk-alpine
FROM openjdk:22-oracle

# Set the working directory inside the container
WORKDIR /app

# Copy the JAR file into the container
#COPY finalp.jar /app/finalp.jar
COPY InsuranceJar.jar /app/InsuranceJar.jar
#COPY ./file.sh /
#RUN chmod 755 /file.sh
#ENTRYPOINT [ "/file.sh" ]
# Specify the command to run the JAR file
#CMD ["java", "-jar", "finalp.jar"]
CMD ["java", "-jar", "InsuranceJar.jar"]
```

COMMAND:

```
> docker build -t java-app .

> docker run -it java-app
```

OUTPUT:

```
=> [internal] load .dockerignore                                0.0s
=> => transferring context: 2B                                  0.0s
=> [1/3] FROM docker.io/library/openjdk:22-oracle@sha256:08b2d714025cbb8c787f5395d931bae89345a856e4ab1be20891b8926e 0.0s
=> [internal] load build context                                0.0s
=> => transferring context: 39B                                  0.0s
=> CACHED [2/3] WORKDIR /app                                   0.0s
=> [3/3] COPY InsuranceJar.jar /app/InsuranceJar.jar          0.1s
=> exporting to image                                          0.2s
=> => exporting layers                                          0.1s
=> => writing image sha256:1c986938edaa9cfb87614364d1956073a45f87ba2b725f24eeee8cf9aae891bc 0.0s
=> => naming to docker.io/library/java-app                     0.0s

View build details: docker-desktop://dashboard/build/desktop-linux/desktop-linux/effqgfbtwzm9zroyv0hso0wn7

What's next:
  View a summary of image vulnerabilities and recommendations → docker scout quickview

D:\Training\2024_client\Training_content\code\To_Show_code\Docker\Hello_world\javaApp>docker run -it java-app
Customer Details:
Name: Alice Brown, Address: 123 Main St
Updated Customer Details:
Name: Alice Brown, Contact Number: 555-9999
Remaining Customers:
Customer ID: C001, Name: Alice Brown
Payment Details:
Amount: 200.0, Customer ID: C001
Updated Payment Details:
Amount: 550.0, Customer ID: C001
Remaining Payments:
Payment ID: P001, Amount: 550.0
Policy Details:
Policy Type: Health, Customer ID: C001
Updated Policy Details:
Policy Type: Life, Customer ID: C001
Remaining Policies:
Policy ID: PL001, Policy Type: Life
Claim Details:
Status: Pending, Policy ID: PL001
Updated Claim Details:
Status: Approved, Policy ID: PL001
Remaining Claims:
Claim ID: CL001, Status: Approved

D:\Training\2024_client\Training_content\code\To_Show_code\Docker\Hello_world\javaApp>
```