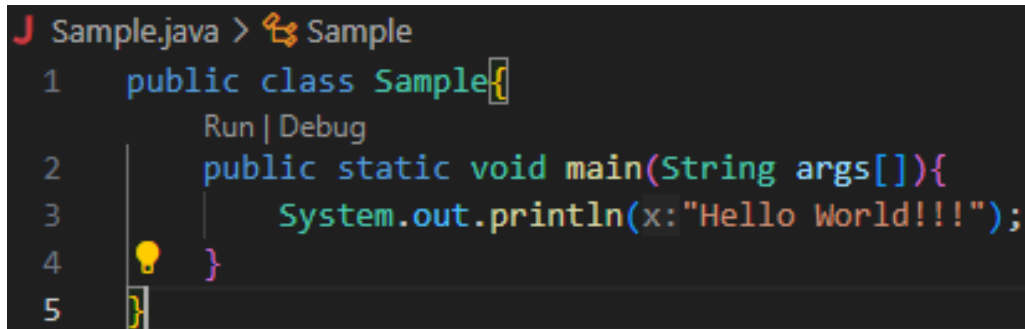


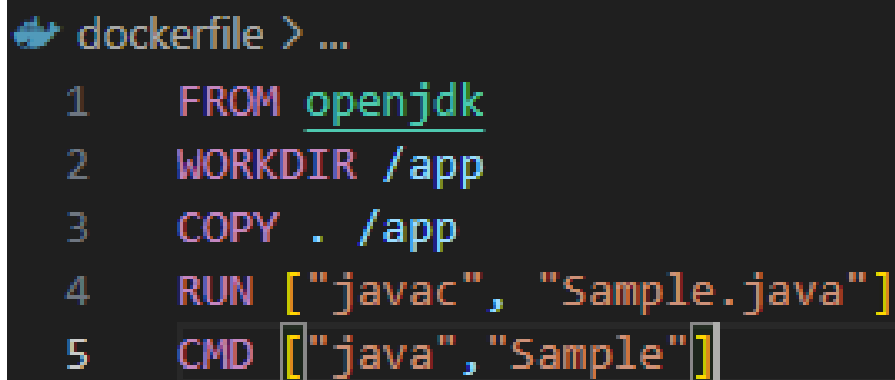
B1. Create a docker image for an application stored in local repository and run the application using docker image.

Application Source code



```
J Sample.java > Sample
1 public class Sample{
    Run | Debug
2     public static void main(String args[]){
3         System.out.println(x:"Hello World!!!");
4     }
5 }
```

Dockerfile



```
dockerfile > ...
1 FROM openjdk
2 WORKDIR /app
3 COPY . /app
4 RUN ["javac", "Sample.java"]
5 CMD ["java", "Sample"]
```

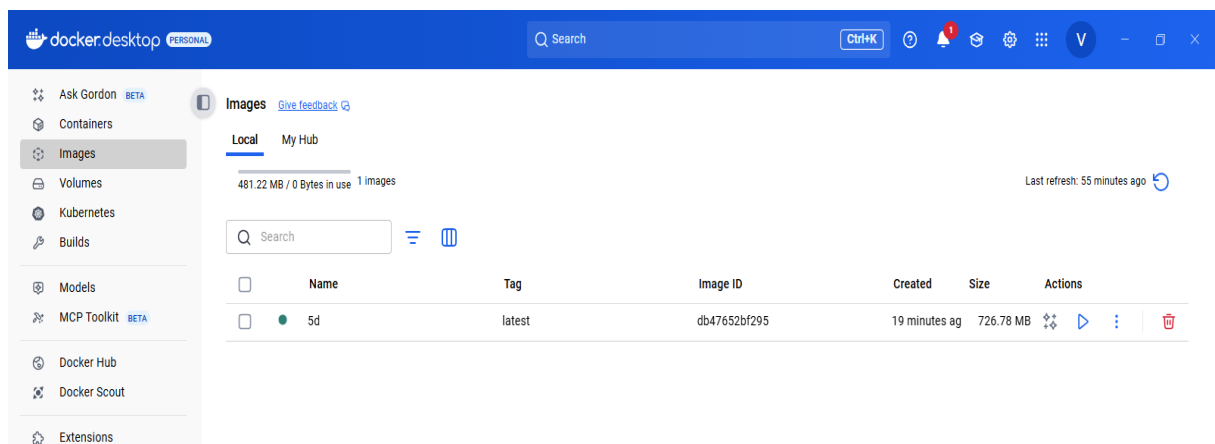
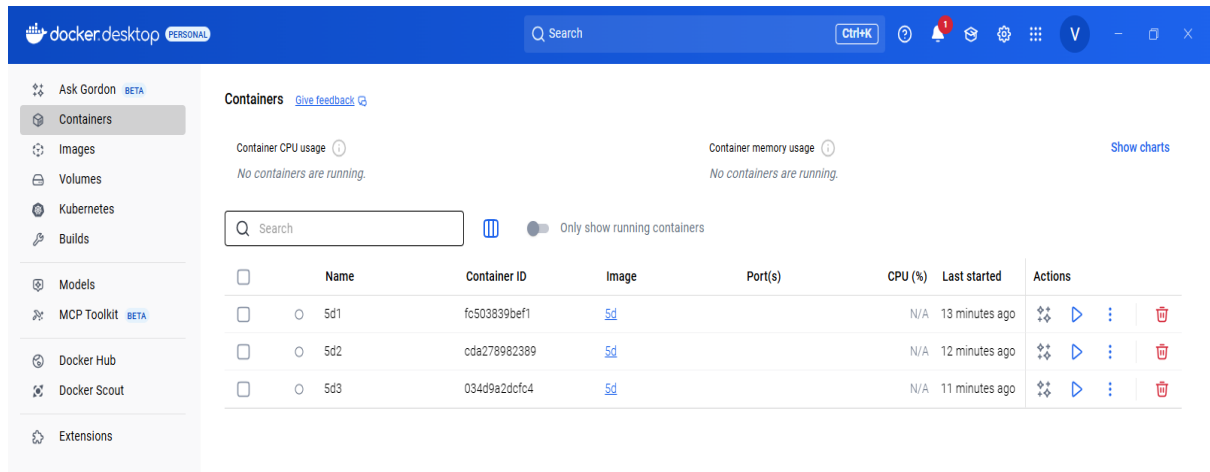
Command to Build image:

`docker build -t image_name .`

Command to run the image:

`docker run --name container_name image_name`

Docker container



Configuration	Execution	Viva	Total	Verified By