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

Application Source code

```
class Sample
{
    public static void main(String[]args)
    {
        System.out.println("Yashwanth J");
        System.out.println("4VV21CS187");
    }
}
```

Dockerfile:

```
FROM openjdk
WORKDIR /app
COPY . /app
RUN javac Sample.java
CMD ["java","Sample"]
```
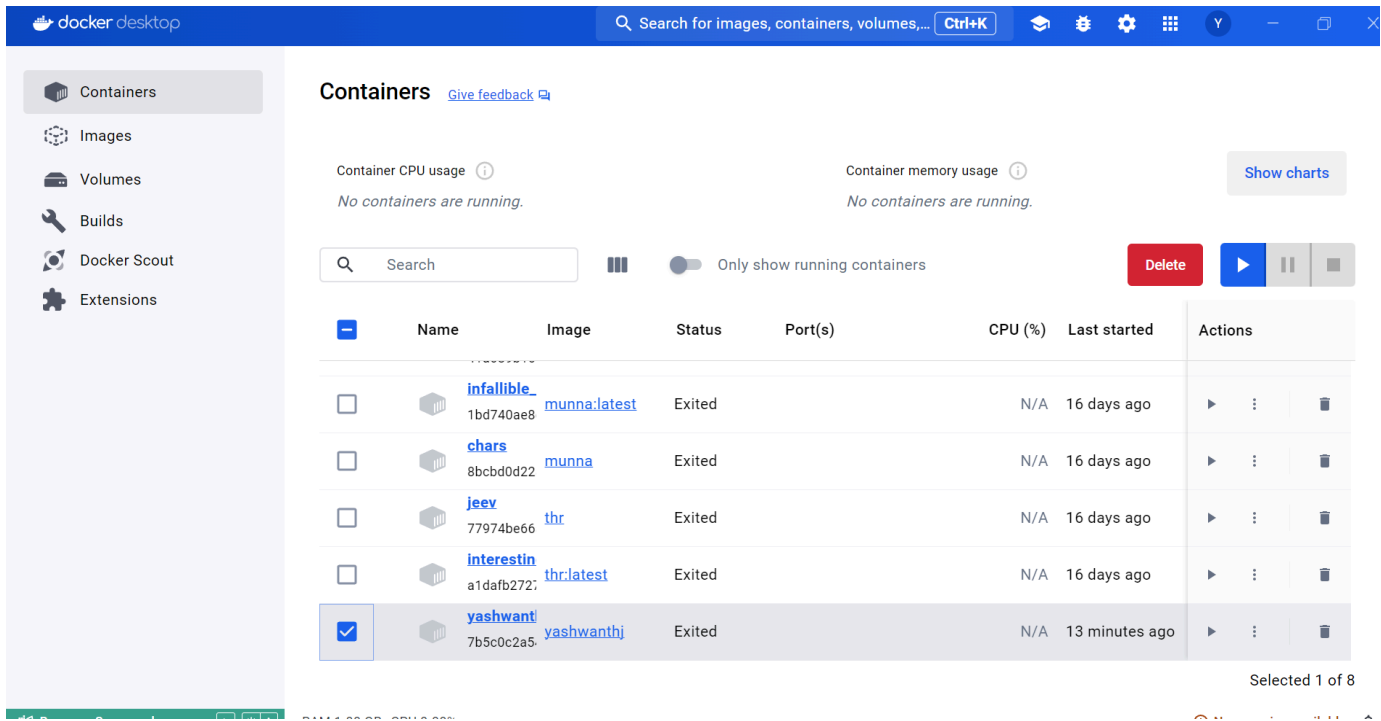
Command to Build image: docker build -t <name of image> .

docker build -t YashwanthJ .

Command to run the image: docker run –name <container name> <name of image>

Docker run –name yashwanthj yashwanthj

Docker container

Configuration	Execution	Viva	Total	Verified By