| **Command** | **Description** |
| --- | --- |
| sudo yum install git | Install Git, a version control system. |
| sudo yum install maven | Install Maven, a build automation tool for Java. |
| git --version | Check the installed version of Git. |
| mvn -version | Check the installed version of Maven. |
| ls -l | List files and directories in the current directory with detailed information. |
| git clone https://github.com/ashokitschool/spring-boot-docker-app.git | Clone the Spring Boot Docker application repository from GitHub. |
| clear | Clear the terminal screen. |
| ls -l | List files and directories in the current directory again. |
| cd spring-boot-docker-app | Change the current directory to the cloned repository. |
| mvn clean package | Clean the project and package it into a JAR file. |
| ls -l | List files and directories in the current directory again. |
| ls -l target | List the contents of the target directory, where the packaged JAR file is located. |
| docker images | List all Docker images on the local machine. |
| docker build -t sbapp . | Build a Docker image named sbapp from the current directory. |
| ls -l | List files and directories in the current directory again. |
| docker image | This command seems incomplete; it should be docker images. It typically lists Docker images. |
| docker images | List all Docker images on the local machine again. |
| docker run -d -p 8080:8080 sbapp | Run a Docker container from the sbapp image, mapping port 8080 of the container to port 8080 on the host. |
| docker ps | List running Docker containers. |
| history | Display the command history in the terminal. |