

## Containerizing the application using docker

### 1. Dockerfile

```
D:\bloodbank>docker run -it tapankr/bloodbank

Blood Bank Management System
1. Add Donor
2. View All Donors
3. Update Donor
4. Delete Donor
5. View All Donations
6. View All Blood Donors
7. View All Blood Requests
8. Create Blood Request
9. Exit
Enter your choice: 1

Enter Donor Details:
Donor ID: 1
Name: Tapan
Blood Type: o+
Blood Units Received: 1
Donor added successfully.
Donor linked to donation successfully.
```

### 2. Building image

```
D:\bloodbank>docker push tapankr/bloodbank
Using default tag: latest
The push refers to repository [docker.io/tapankr/bloodbank]
9386fd27fe50: Pushed
0f4ad5ddd5d4: Mounted from siddarthh/rms
6acaaba9e97a: Mounted from library/openjdk
cf3ce83da20a: Mounted from library/openjdk
0a628c3f1dfa: Mounted from library/openjdk
```

### 3. Creating tag and push the image to remote repository

**tapankr / bloodbank**

Contains: Image • Last pushed: less than a minute ago