.github/workflows

**name :** app name

**on:**

**push:**

**branches:**

* main // branch name in git

**jobs :**

**build-deploy:**

**name :** Build name

**runs-on :** ubuntu-latest

**steps :**

* **name :** Checkout code

**uses :** **actions/checkout@v3 //**check this in git hub market place

* **name :** Setup Up JDK

**uses :** **actions/setup-java@v3**  // check this in git hub market palce

**with :**

**distribution :** ‘termuin’

**java-version : 17**

* **name :** maven build

**run :** **mvn clean install -DskipTests** // to install target .jar

* **name :** deploy in docker

**uses :** **docker/build-push-action@v2**

**with :**

**context : .**

**dockerfile :** Dockerfile // this file in our root folder

**push :** false

**tags :** ${{**secrets.DOCKER\_USERNAME}}/applicationname:latest**  //create the token in docker place in github secrets // ex : venkat105/spring-boot

* **name :** Login to docker

**uses :** **action/login-action@V1**

**with :**

**username: ${{** **secrets.**DOCKER\_USERNAME**}}**

**password:${{secrets.**DOCKER\_ACCESS\_TOKEN}} //create this docker paste in git hub

* **name :** deploy in docker

**uses :** **docker/build-push-action@v2**

**with :**

**context : .**

**dockerfile :** Dockerfile // this file in our root folder

**push :** true

**tags :** ${{**secrets.DOCKER\_USERNAME}}/applicationname:latest**