## **DevOps Machine test On Docker**

## Instructions.

1. download the jar file and property file from s3 bucket.

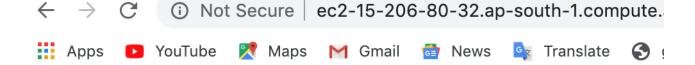
https://docker-machine-test.s3.ap-south-1.amazonaws.com/dbConnectionCheck.jar

https://docker-machine-test.s3.ap-south-1.amazonaws.com/dbConnectionProperties.properties

- 2. Need to Create two separate containers one for java application and second one is postgresql database
- 3. Use below command to make java application to run.

java -DpropertyFileLocation=dbConnectionProperties.properties - jar dbConnectionCheck.jar

4. When I access the application on browser <a href="http://serverip:9998">http://serverip:9998</a> it should give below output.



## **Database Connected Successfully**

Default db username is = postgres passwordfordb = madhupost

sudo docker run --name my-postgres -e POSTGRES\_PASSWORD=madhupost -e POSTGRES\_HOST\_AUTH\_METHOD=trust -d -p 5432:5432 postgres

postgres.jdbc.url=jdbc:postgresql://privateip\_of\_aws\_instance:5432/postgres postgres.jdbc.username=postgres postgres.jdbc.password=madhupost

FROM openjdk

ADD..

 $\label{lem:continuous} ENTRYPOINT\ java\ - D property File Location = dbConnection Properties\ - jar\ dbConnection Check. jar\$ 

docker build -t dbapp.

docker run -d --name dbapp -p 9998:9998 dbapp