DevOps Lab Test

Time: 60 Min

**Note – This test is an open book test and you are allowed to use Internet/Google and class PDF files.**

Question 1- Deploy java web application in container (Docker) in the aws cloud.

1. Create a JSP page with below message **<0Marks>**

“ You passed today 's lab exam Cheers !”

1. Create a war file of java web application. **<3Marks>**
2. Create an EC2 in aws cloud with below configuration: **<5Marks>**
   * 1. Instance size – t2.medium
     2. Operating System – AWSLinux
3. Upload WAR file of your java web application in ec-2 which you have created .( use your favorite option to upload the file in EC-2) **<2Marks>**
4. Install the Docker Engine in EC2 **<5Marks>**
5. Deploy your java web application (war file) in using docker/container. **<15Marks>**
   * 1. Create a Dockerfile with tomcat server
     2. Build Docker image with war file
     3. Create and run container

Step to validate your answer:

Open your favorite web browser and enter URL

<ec2 publicip>:<port-number>/<your application name>