

CS551 – Advanced Software Engineering

Assignment# 10

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TASK: Deploy JAVA applications into Amazon Elastic Bean Stack

STEPS INVOLVED:

1. An Amazon AWS account has been created and is configured with a micro instance of tomcat 8 server and launched.
2. A WAR file of the existing JAVA application is exported.
3. This exported file has been deployed into AWS elastic bean stalk instance.
4. The mobile application which is developed using ionic framework has been modified so that all the service calls now point to the AWS instance.
5. Sample Service URL: <http://default-environment.jh42pvpbky.us-west-2.elasticbeanstalk.com/sckqn8/area/square/6>

Response

```
{"SquareArea": 36}
```

Overview

 Refresh



Health

Ok

Causes

Running Version

RESTExample

Upload and Deploy



Configuration

64bit Amazon Linux 2015.09
v2.0.8 running Tomcat 8 Java 8

Change

SCREENSHOTS:

10:20PM

Pounds to KGS

Square Rectangle **Kgs**

150

Calculate

Kgs=68

10:20PM

Area of Rectagle

Square **Rectangle** Kgs

4

5

Calculate

Area of
Rectangle=20

10:19PM

Dashboard

Square **Rectangle** Kgs

Area of Square

6

Calculate

Result: Area of
Square=36

Send Results via SMS

Phone Number

Send Result to