

ASSIGNMENT – 10

ADVANCED SOFTWARE ENGINEERING

The application of Lab 6 is hosted onto Amazon Web Services.

URL: <http://lab10ase-env.us-west-2.elasticbeanstalk.com/HomePage.html>

Screenshots:

Application is created and war file is uploaded

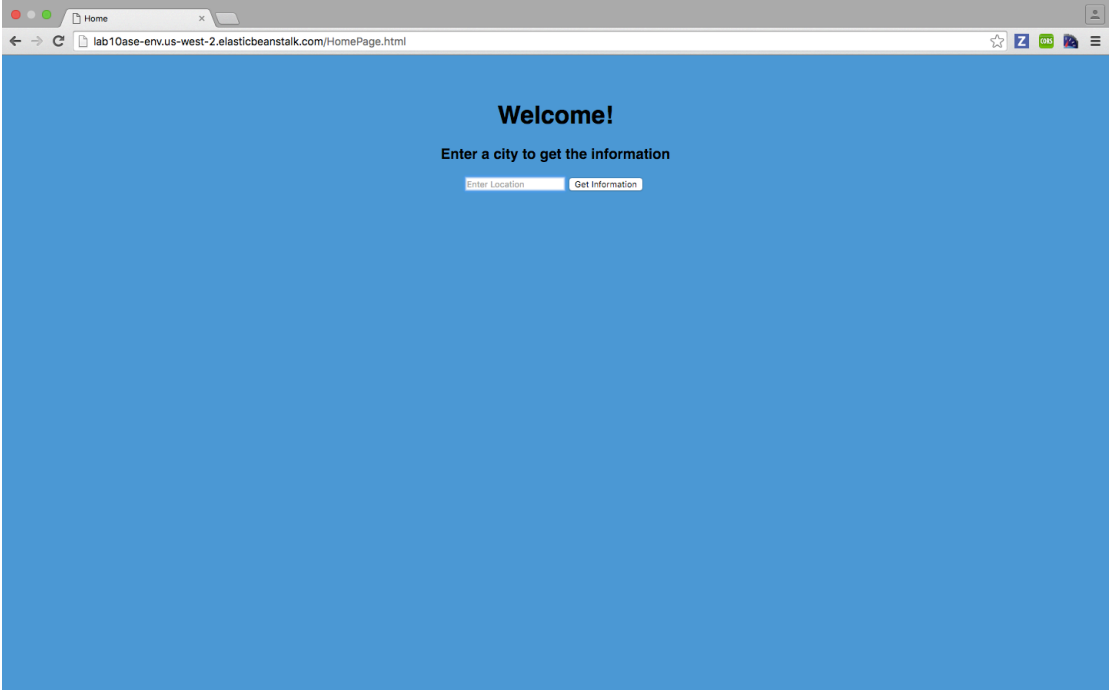
The screenshot shows the AWS Elastic Beanstalk console. The top navigation bar includes 'AWS', 'Services', 'Edit', and a user profile 'vinutha' in 'Oregon'. The main content area is titled 'All Applications' and shows two applications: 'Lab10_ASE' and 'SampleApplication'. 'Lab10_ASE' has a green status bar and details: 'Environment tier: Web Server', 'Running versions: First Release', 'Last modified: 2016-04-04 18:29:35 UTC-0500', and 'URL: lab10ase-env.us-west-2.elasticbeanstalk.com'. 'SampleApplication' has a message: 'No environments currently exist for this application. Create one now.' The left sidebar contains links for 'Learn More', 'Command Line Interface (v3)', and 'Get Started'.

Deployment successful

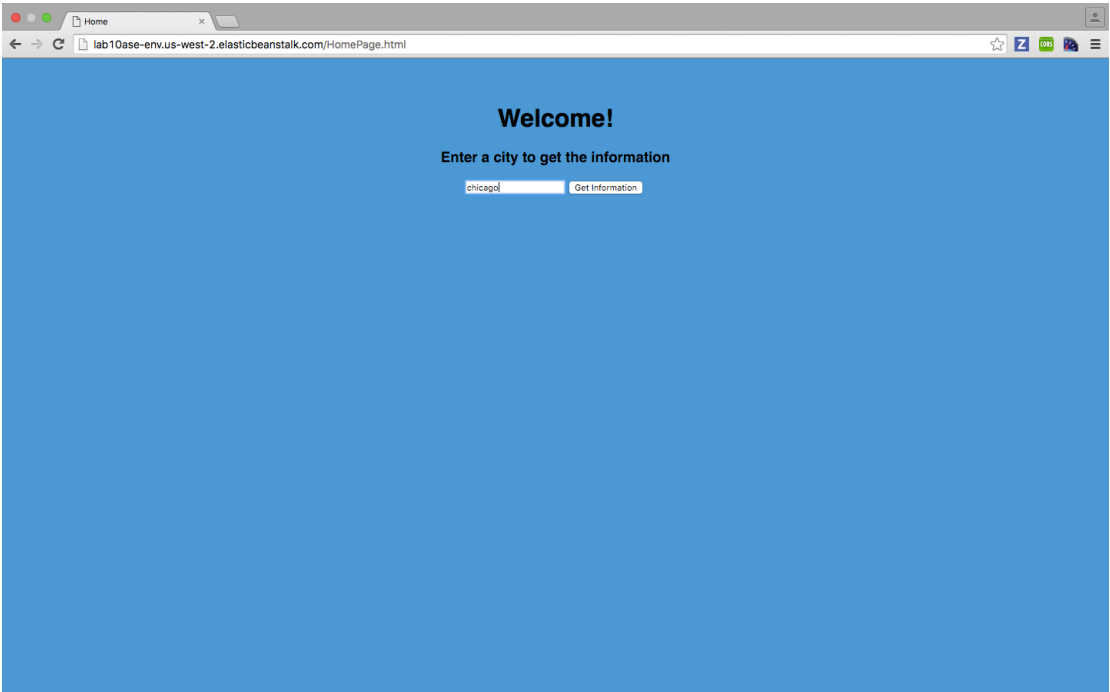
The screenshot shows the AWS Elastic Beanstalk console dashboard for the 'lab10ase-env' application. The dashboard displays a green checkmark for 'Health' (Ok), 'Running Version' (First Release), and 'Configuration' (64bit Amazon Linux 2015.09 v2.0.8 running Tomcat 8 Java 8). A 'Recent Events' table shows the deployment process.

Time	Type	Details
2016-04-04 18:29:35 UTC-0500	INFO	Successfully launched environment: lab10ase-env
2016-04-04 18:29:17 UTC-0500	INFO	Environment health has transitioned from Pending to Ok.
2016-04-04 18:28:17 UTC-0500	INFO	Added instance [i-04be415be6bd5635] to your environment.
2016-04-04 18:27:30 UTC-0500	INFO	Waiting for EC2 instances to launch. This may take a few minutes.
2016-04-04 18:26:17 UTC-0500	INFO	Environment health has transitioned to Pending. There are no instances.

Open the browser and give the above URL:



Enter the city to get its information



Information about the city

lab10ase-env.us-west-2 x

lab10ase-env.us-west-2.elasticbeanstalk.com/Weather?location=chicago&submitButton=Get+Information

Basic information about chicago
Latitude : 41.85
Longitude : -87.65
Humidity : 70
Temperature : 34.04deg; F
Description : scattered clouds

About chicago : Chicago (//??k??to?/ or //??k??to?/) is the third most populous city in the United States. With over 2.7 million residents, it is the most populous city in the state of Illinois and the Midwest. The Chicago metropolitan area, often referred to as Chicagoland, has nearly 10 million people and is the third-largest in the U.S. Chicago is the seat of Cook County. Chicago was incorporated as a city in 1837, near a portage between the Great Lakes and the Mississippi River watershed, and grew rapidly in the mid-nineteenth century. The city is an international hub for finance, commerce, industry, technology, telecommunications, and transportation: O'Hare International Airport is the busiest airport in the world when measured by aircraft traffic; the region also has the largest number of U.S. highways and rail road freight. In 2012, Chicago was listed as an alpha global city by the Globalization and World Cities Research Network, and ranked seventh in the world in the 2014 Global Cities Index. As of 2014, Chicago had the third largest gross metropolitan product in the United States at US\$610.5 billion. In 2014, Chicago had 50.2 million international and domestic visitors. Chicago's culture includes the visual arts, novels, film, theater, especially improvisational comedy, and music, particularly jazz, blues, soul, gospel and house music. It also has professional sports teams in each of the major professional leagues. Chicago has many nicknames, the best-known being the Windy City.