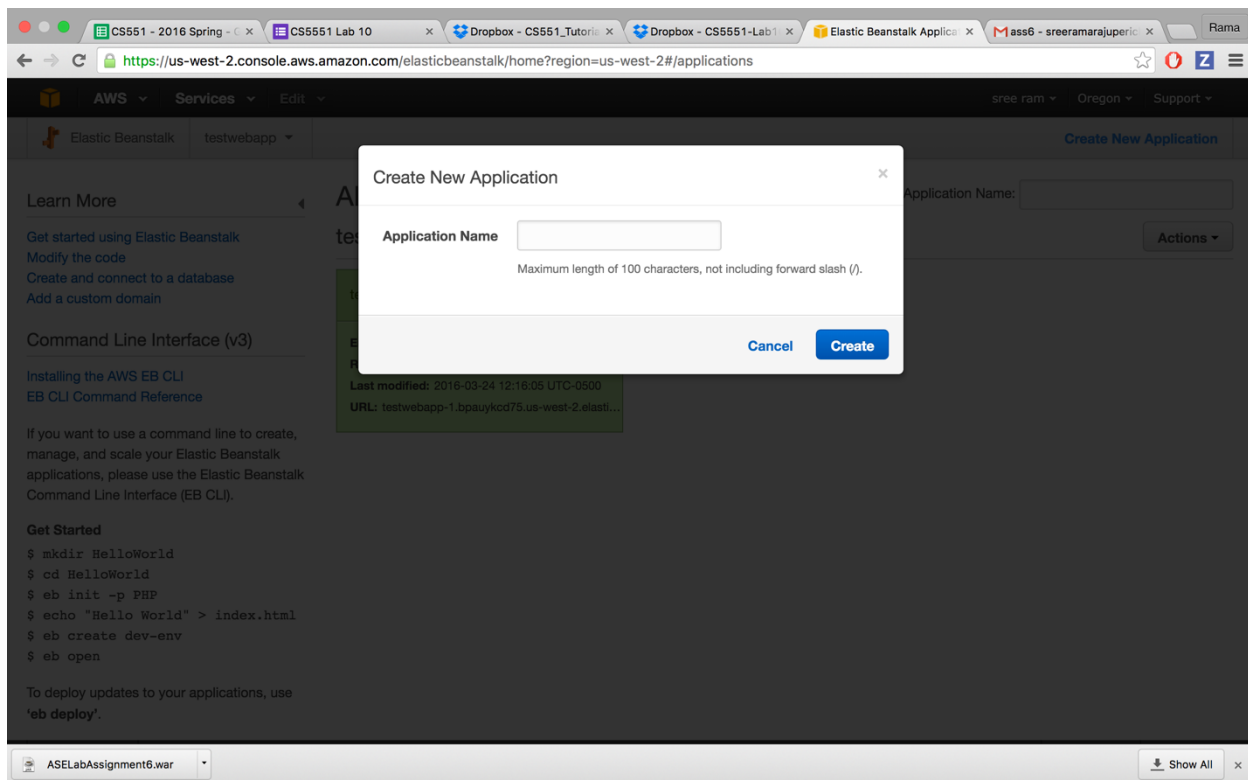


Lab Assignment 10

Objective:

The Objective of this assignment is to host our application in Amazon Web Services and run it.

Following are the screenshots of the same.



CS551 - 2016 Spring x CS551 Lab 10 x Dropbox - CS551_Tutorial x Dropbox - CS551-Lab1 x Elastic Beanstalk Applica x ass6 - sreeramajuperic x Rama

https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/applications

AWS Services Edit sree ram Oregon Support

Elastic Beanstalk testwebapp Create New Application

Learn More

- Get started using Elastic Beanstalk
- Modify the code
- Create and connect to a database
- Add a custom domain

Command Line Interface (v3)

Installing the AWS EB CLI

EB CLI Command Reference

If you want to use a command line to create, manage, and scale your Elastic Beanstalk applications, please use the Elastic Beanstalk Command Line Interface (EB CLI).

Get Started

```
$ mkdir HelloWorld
$ cd HelloWorld
$ eb init -p PHP
$ echo "Hello World" > index.html
$ eb create dev-env
$ eb open
```

To deploy updates to your applications, use 'eb deploy'.

Create New Application

Application Name Assignment10

Maximum length of 100 characters, not including forward slash (/).

Cancel Create

Last modified: 2016-03-24 12:16:05 UTC-0500

URL: testwebapp-1.bpauykcd75.us-west-2.elasti...

ASELabAssignment6.war Show All x

CS551 - 2016 Spring x CS551 Lab 10 x Dropbox - CS551_Tutorial x Dropbox - CS551-Lab1 x Assignment10 - Environ x ass6 - sreeramajuperic x Rama

https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/application/overview?applicationName=Assignment10

AWS Services Edit sree ram Oregon Support

Elastic Beanstalk Assignment10 testwebapp Create New Application

Assignment10

Actions

Environments

Application Versions

Saved

Configurations

No environments currently exist for this application. [Create one now.](#)



Create a new environment

Choose a platform for your new environment. You can start with a sample app, use an existing app or upload your own code. Then, you can configure more options or deploy your environment. By creating an environment, you allow AWS Elastic Beanstalk to administer AWS resources and necessary permissions on your behalf. [Learn more.](#)

Application name Assignment10

Platform -- Choose a platform --

App code ☒ Sample application

Comes with instructions on how to configure your application. You can upload a new source code for this app later.

☐ Use existing version

The following are application versions which have already been uploaded for Assignment10.

-- Choose a version --

☐ Upload your own code

You can upload a file or provide a URL to your app code in Amazon S3.

Upload ZIP or WAR

Cancel

Configure more options

Create environment



Create a new environment

Choose a platform for your new environment. You can start with a sample app, use an existing app or upload your own code. Then, you can configure more options or deploy your environment. By creating an environment, you allow AWS Elastic Beanstalk to administer AWS resources and necessary permissions on your behalf. [Learn more.](#)

Application name Assignment10

Platform Tomcat

Tomcat 8 Java 8 (this can be updated after initial setup)

App code ☒ Sample application

Comes with instructions on how to configure your application. You can upload a new source code for this app later.

☐ Use existing version

The following are application versions which have already been uploaded for Assignment10.

-- Choose a version --

☐ Upload your own code

You can upload a file or provide a URL to your app code in Amazon S3.

Upload ZIP or WAR

Cancel

Configure more options

Create environment


Browser tabs: CS551 - 2016 Spring, CS551 Lab 10, Dropbox - CS551_Tutorial, Dropbox - CS551-Lab1, Create Environment, ass6 - sreeramajuperic, Rama

Address bar: <https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/launchEnvironment?applicationName=Assignment10&environmentId=...>

AWS Services | Elastic Beanstalk | Assignment10 | testwebapp | Create New Application

Assignment10 ▶ assignment10 (Environment ID: e-ddehxmhb7, URL:)

Actions ▾

 **Creating assignment10**
This will take a few minutes...

9:20pm createEnvironment is starting.

Learn More

[Get started using Elastic Beanstalk](#)
[Modify the code](#)
[Create and connect to a database](#)
[Add a custom domain](#)

Command Line Interface (v3)

[Installing the AWS EB CLI](#)
[EB CLI Command Reference](#)

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ASLabAssignment6.war | Show All

Browser tabs: CS551 - 2016 Spring, CS551 Lab 10, Dropbox - CS551_Tutorial, Dropbox - CS551-Lab1, assignment10 - Dashboard, Facebook, Rama

Address bar: <https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/environment/dashboard?applicationName=Assignment10&environme...>

AWS Services | Elastic Beanstalk | Assignment10 | testwebapp | Create New Application

Assignment10 ▶ assignment10 (Environment ID: e-ddehxmhb7, URL: assignment10-vs8xn2ngap.us-west-2.elasticbeanstalk.com)

Actions ▾

- Dashboard
- Configuration
- Logs
- Health **NEW**
- Monitoring
- Alarms
- Events
- Tags

Overview

Refresh



Health

Ok

Causes

Running Version

Sample Application

Upload and Deploy



Configuration

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

Change

Recent Events

Show All

Time	Type	Details
2016-04-05 21:25:00 UTC-0500	INFO	Successfully launched environment: assignment10
2016-04-05 21:24:14 UTC-0500	INFO	Environment health has transitioned from Pending to Ok.
2016-04-05 21:24:14 UTC-0500	INFO	Added instance [i-0ddaf42f7ab88e900] to your environment.

CS551 - 2016 Spring x CS551 Lab 10 x Dropbox - CS551_Tutorial x Dropbox - CS551-Lab1 x assignment10 - Dashboard x Facebook x Rama

https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/environment/dashboard?applicationName=Assignment10&environme...

AWS Services Edit sree ram Oregon Support

Elastic Beanstalk Assignment10 testwebapp Create New Application

Assignment10 ▶ assignment10 (En)

Dashboard Overview Configuration Logs Health **NEW** Monitoring Alarms Events Tags

Upload and Deploy

To deploy a previous version, go to the [Application Versions page](#).

Upload application: Choose File No file chosen

Version label:

Cancel Deploy

Configuration

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

Change

Recent Events Show All

Time	Type	Details
2016-04-05 21:25:00 UTC-0500	INFO	Successfully launched environment: assignment10
2016-04-05 21:24:14 UTC-0500	INFO	Environment health has transitioned from Pending to Ok.
2016-04-05 21:24:14 UTC-0500	INFO	Added instance [i-0ddaf42f7ab88e900] to your environment.

CS551 - 2016 Spring x CS551 Lab 10 x Dropbox - CS551_Tutorial x Dropbox - CS551-Lab1 x assignment10 - Dashboard x Facebook x Rama

https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/environment/dashboard?applicationName=Assignment10&environme...

AWS Services Edit sree ram Oregon Support

Elastic Beanstalk Assignment10 testwebapp Create New Application

Assignment10 ▶ assignment10 (En)

Dashboard Overview Configuration Logs Health **NEW** Monitoring Alarms Events Tags

Upload and Deploy

To deploy a previous version, go to the [Application Versions page](#).

Upload application: Choose File ASELabAssignment6.war

Version label: ASELabAssignment6

Cancel Deploy

Configuration

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

Change

Recent Events Show All

Time	Type	Details
2016-04-05 21:25:00 UTC-0500	INFO	Successfully launched environment: assignment10
2016-04-05 21:24:14 UTC-0500	INFO	Environment health has transitioned from Pending to Ok.
2016-04-05 21:24:14 UTC-0500	INFO	Added instance [i-0ddaf42f7ab88e900] to your environment.

CS551 - 2016 Spring - Go xCS551 Lab 10 xDropbox - CS551_Tutorial xDropbox - CS551-Lab10 xassignment10 - Dashboard xRama

← → ↺ https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/environment/dashboard?applicationName=Assignment10&environme... ☆ ⓘ Z ≡

AWS ▾ Services ▾ Edit ▾ sree ram ▾ Oregon ▾ Support ▾


Elastic Beanstalk Assignment10 ▾ testwebapp ▾ Create New Application

Assignment10 ▸ assignment10 (Environment ID: e-ddehxmhb7, URL: assignment10.vs8xn2ngap.us-west-2.elasticbeanstalk.com) Actions ▾

DashboardConfigurationLogsHealth **NEW**MonitoringAlarmsEventsTags


Elastic Beanstalk is updating your environment.
To cancel this operation select **Abort Current Operation** from the **Actions** dropdown.
[View Events](#)

Overview Refresh



Health
Grey
Causes

Running Version
ASELabAssignment6
Upload and Deploy



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

Recent Events Show All

Time	Type	Details
------	------	---------

CS551 - 2016 Spring - Go xCS551 Lab 10 xDropbox - CS551_Tutorial xDropbox - CS551-Lab10 xassignment10 - Dashboard xRama

← → ↺ https://us-west-2.console.aws.amazon.com/elasticbeanstalk/home?region=us-west-2#/environment/dashboard?applicationName=Assignment10&environme... ☆ ⓘ Z ≡


AWS ▾ Services ▾ Edit ▾ sree ram ▾ Oregon ▾ Support ▾

Elastic Beanstalk Assignment10 ▾ testwebapp ▾ Create New Application

Assignment10 ▸ assignment10 (Environment ID: e-ddehxmhb7, URL: assignment10.vs8xn2ngap.us-west-2.elasticbeanstalk.com) Actions ▾


DashboardConfigurationLogsHealth **NEW**MonitoringAlarmsEventsTags

Overview Refresh



Health
Ok
Causes

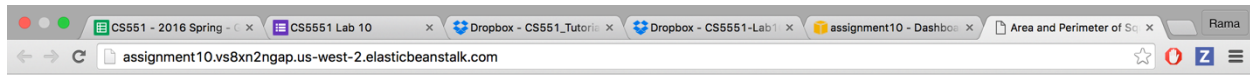
Running Version
ASELabAssignment6
Upload and Deploy



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

Recent Events Show All

Time	Type	Details
2016-04-05 21:32:25 UTC-0500	INFO	Environment update completed successfully.
2016-04-05 21:32:25 UTC-0500	INFO	New application version was deployed to running EC2 instances.
2016-04-05 21:32:13 UTC-0500	INFO	Environment health has transitioned from Ok to Info. Command is executing on all instances.

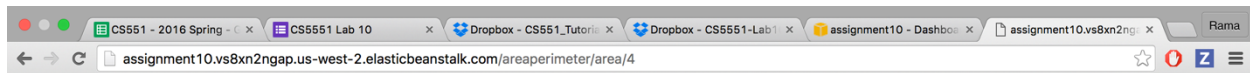


Area & Perimeter of Square

enter the side value of square

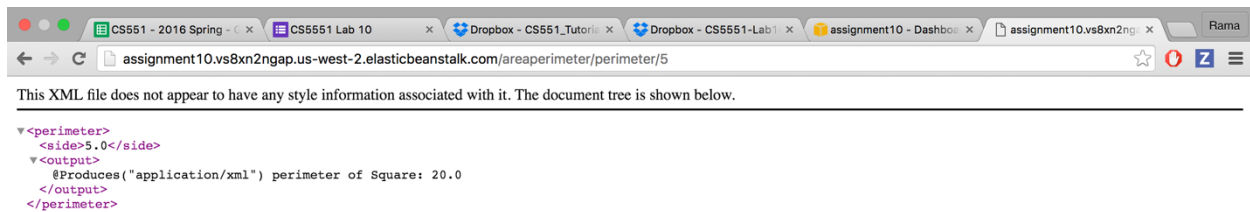
Area

Perimeter



This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0"?>
<conversion>
  <side>4.0</side>
  <output>
    @Produces("application/xml") Area of Square: 16.0
  </output>
</conversion>
```



AWS URL:

<http://assignment10.vs8xn2ngap.us-west-2.elasticbeanstalk.com/areaperimeter/perimeter/5>