

## CS5551\_Assignment 10 Screenshots

Below are the screenshots for Deploying my applications onto your Amazon instances

The Aws URL's are as follows

<http://cs5551assignment-10-env.us-west-2.elasticbeanstalk.com/lab6/dtom>

<http://cs5551assignment-10-env.us-west-2.elasticbeanstalk.com/lab6/gtop>

Created Application In Aws with the name CS5551\_Assignment\_10

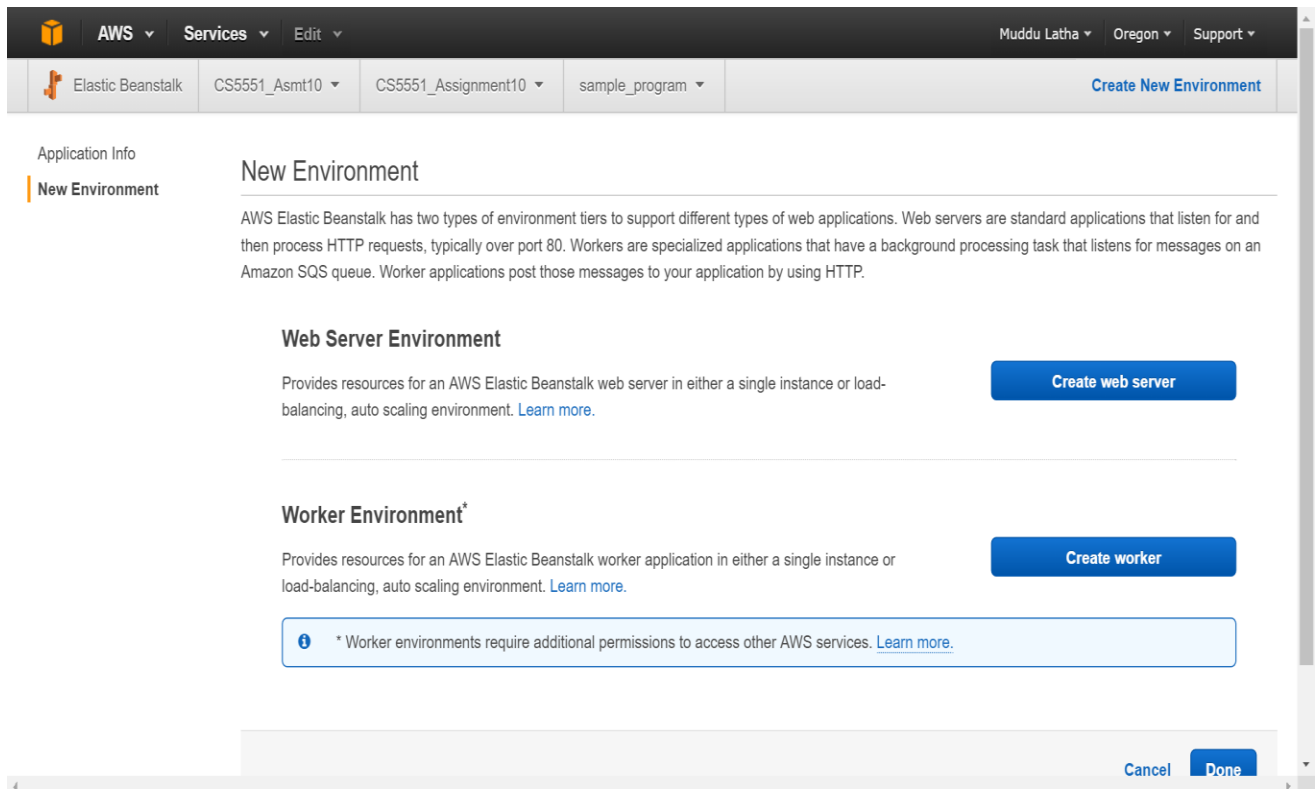
Below is the Screenshot for creating an application in AWS

The screenshot displays the AWS Elastic Beanstalk console interface for creating a new application. The top navigation bar includes the AWS logo, 'AWS' dropdown, 'Services' dropdown, 'Edit' dropdown, and user information 'Muddu Latha', 'Oregon', and 'Support'. Below the navigation bar, a breadcrumb trail shows 'Elastic Beanstalk' > 'CS5551\_Asm10' > 'CS5551\_Assignment10' > 'sample\_program'. A 'Create New Application' button is located at the end of this trail.

The main content area is titled 'Application Information' under the 'Application Info' section. It instructs the user to 'To create a new application, enter the details of your application.' The 'Application name' field contains 'CS5551\_Assignment\_10' with a note: 'Must be less than 100 characters and cannot contain a /'. The 'Description' field contains 'Deploying My Application' and is marked as 'Optional.' At the bottom right of the form, there are 'Cancel' and 'Next' buttons.

The footer of the page includes a 'Feedback' button, a language selector set to 'English', and copyright information: '© 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved.' Links for 'Privacy Policy' and 'Terms of Use' are also present.

After creating an application, we need to create a new environment. Below is the screenshot for the same



We need to choose environment as Tomcat and environment type as Single Instance. Below is the screenshot for the same

The screenshot displays the AWS Elastic Beanstalk console interface for configuring a new environment. The top navigation bar includes the AWS logo, 'Services', 'Edit', and user account information (Muddu Latha, Oregon, Support). Below this, a breadcrumb trail shows 'Elastic Beanstalk' > 'CS5551\_Asmt10' > 'CS5551\_Assignment10' > 'sample\_program', with a 'Create New Environment' link. A left-hand sidebar lists navigation options: 'New Environment', 'Environment Type' (highlighted), 'Application Version', 'Environment Info', 'Additional Resources', 'Configuration Details', 'Environment Tags', 'Permissions', and 'Review Information'. The main content area is titled 'Environment Type' and contains the instruction 'Choose the platform and type of environment to launch.' It features two dropdown menus: 'Predefined configuration' set to 'Tomcat' and 'Environment type' set to 'Single instance'. A link 'Looking for a different platform? Let us know.' is next to the first dropdown, and 'Learn more' is next to the second. A descriptive text states: 'AWS Elastic Beanstalk will create an environment running Tomcat 8 Java 8 on 64bit Amazon Linux 2015.09 v2.0.8. Change platform version.' At the bottom right of the configuration area are three buttons: 'Cancel', 'Previous', and 'Next'. The footer contains 'Feedback', 'English', copyright information '© 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved.', and links for 'Privacy Policy' and 'Terms of Use'.

AWS Elastic Beanstalk

CS5551\_Asmt10

CS5551\_Assignment10

sample\_program

Create New Environment

New Environment

Environment Type

Application Version

Environment Info

Additional Resources

Configuration Details

Environment Tags

Permissions

Review Information

### Environment Type

Choose the platform and type of environment to launch.

Predefined configuration: Tomcat

Looking for a different platform? [Let us know.](#)

AWS Elastic Beanstalk will create an environment running Tomcat 8 Java 8 on 64bit Amazon Linux 2015.09 v2.0.8. [Change platform version.](#)

Environment type: Single instance

[Learn more](#)

Cancel Previous Next

Feedback English

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Now, we need to upload our warfile which is exported from our application. Below is the screenshot for the same

The screenshot displays the AWS Elastic Beanstalk console interface for creating a new environment. The top navigation bar includes the AWS logo, 'Services', 'Edit', and user information (Muddu Latha, Oregon, Support). Below the navigation bar, a breadcrumb trail shows 'Elastic Beanstalk' > 'CS5551\_Asmt10' > 'CS5551\_Assignment10' > 'sample\_program', with a 'Create New Environment' link. The left sidebar lists navigation options: 'New Environment', 'Environment Type', 'Application Version' (highlighted), 'Environment Info', 'Additional Resources', 'Configuration Details', 'Environment Tags', 'Permissions', and 'Review Information'. The main content area is titled 'Application Version' and contains the instruction 'Select a source for your application version.' Below this, three radio buttons are present: 'Sample application', 'Upload your own (Learn more)' (which is selected), and 'S3 URL'. The 'Upload your own' option features a 'Choose File' button and a text input field containing 'Warfile1.war'. The 'S3 URL' option has a text input field with a placeholder '(e.g. https://s3.amazonaws.com/s3Bucket/s3Key)'. At the bottom right of the form, there are three buttons: 'Cancel', 'Previous', and 'Next'.

In the next screen Environment Information is displayed. Below is the screenshot for that.

The screenshot displays the 'Environment Information' page in the AWS Elastic Beanstalk console. The top navigation bar includes the AWS logo, 'Services', 'Edit', and user information 'Muddu Latha', 'Oregon', and 'Support'. Below this, a breadcrumb trail shows 'Elastic Beanstalk' > 'CS5551\_Asmt10' > 'CS5551\_Assignment10' > 'sample\_program', followed by a 'Create New Environment' link. On the left, a sidebar lists navigation options: 'New Environment', 'Environment Type', 'Application Version', 'Environment Info' (highlighted), 'Additional Resources', 'Configuration Details', 'Environment Tags', 'Permissions', and 'Review Information'. The main content area is titled 'Environment Information' and contains the instruction 'Enter your environment information.' Below this, there are three input fields: 'Environment name' with the value 'CS5551Assignment-10-env', 'Environment URL' with the value 'cs5551assignment-10-e.us-west-2.elasticbeanstalk.com', and 'Description' which is empty. A 'Check availability' button is located below the URL field. To the right of the description field, it says 'Optional: 200 character maximum'. At the bottom right of the form, there are three buttons: 'Cancel', 'Previous', and 'Next'. The footer of the page includes a 'Feedback' link, 'English' language selection, and copyright information '© 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved.', along with 'Privacy Policy' and 'Terms of Use' links.

AWS Services Edit Muddu Latha Oregon Support

Elastic Beanstalk CS5551\_Asmt10 CS5551\_Assignment10 sample\_program Create New Environment

New Environment  
Environment Type  
Application Version  
**Environment Info**  
Additional Resources  
Configuration Details  
Environment Tags  
Permissions  
Review Information

### Environment Information

Enter your environment information.

Environment name: CS5551Assignment-10-env

Environment URL: cs5551assignment-10-e.us-west-2.elasticbeanstalk.com

Check availability

Description: Optional: 200 character maximum

Cancel Previous Next

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In the next coming screen we would be able to see Additional Resources , Configuration Details , Environment Tags and permissions . below are the screenshots for each of those.

This screenshot shows the 'Additional Resources' step in the AWS Elastic Beanstalk console. The top navigation bar includes the AWS logo, 'Services', 'Edit', and user information (Muddu Latha, Oregon, Support). Below the navigation bar, there are tabs for 'Elastic Beanstalk', 'CS5551\_Asmt10', 'CS5551\_Assignment10', and 'sample\_program', along with a 'Create New Environment' button. On the left, a sidebar lists the configuration steps: 'New Environment', 'Environment Type', 'Application Version', 'Environment Info', 'Additional Resources' (highlighted), 'Configuration Details', 'Environment Tags', 'Permissions', and 'Review Information'. The main content area is titled 'Additional Resources' and contains the instruction 'Select additional resources for this environment.' Below this, there are two checkboxes: 'Create an RDS DB Instance with this environment' (with a 'Learn more' link) and 'Create this environment inside a VPC' (with a 'Learn more' link). At the bottom right of the main area are three buttons: 'Cancel', 'Previous', and 'Next'. The footer contains a 'Feedback' link, 'English' language selection, copyright information (© 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved.), and links to 'Privacy Policy' and 'Terms of Use'.

This screenshot shows the 'Configuration Details' step in the AWS Elastic Beanstalk console. The top navigation bar and sidebar are identical to the previous screenshot. The main content area is titled 'Configuration Details' and contains the instruction 'Modify the following settings or click Next to accept the default configuration. Learn more.' Below this, there are three configuration sections: 1. 'Instance type': A dropdown menu showing 't1.micro' with a description 'Determines the processing power of the servers in your environment.' 2. 'EC2 key pair': A dropdown menu showing 'Select a key pair' with a 'Refresh' button and a description 'Optional: Enables remote login to your instances.' 3. 'Email address': A text input field with a description 'Optional: Get notified about any major changes to your environment.' Below these sections is the 'Health Reporting' section with a 'System type' dropdown menu showing 'Enhanced' and a description 'Determines the health reporting type.' At the bottom is the 'Root Volume (Boot Device)' section. The footer is identical to the previous screenshot.

AWS

Services

Edit

Muddu LathaOregonSupport

Elastic BeanstalkCS5551\_Asmt10CS5551\_Assignment10sample\_programCreate New Environment

New EnvironmentEnvironment TypeApplication VersionEnvironment InfoAdditional ResourcesConfiguration DetailsEnvironment TagsPermissionsReview Information

## Environment Tags

You can specify tags (key-value pairs) for your Environment. You can add up to 7 unique key-value pairs for each Environment.

	Key (128 characters maximum)	Value (256 characters maximum)
1.	<input type="text"/>	<input type="text"/>

7 remaining

CancelPreviousNext

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AWS

Services

Edit

Muddu LathaOregonSupport

Elastic BeanstalkCS5551\_Asmt10CS5551\_Assignment10sample\_programCreate New Environment

New EnvironmentEnvironment TypeApplication VersionEnvironment InfoAdditional ResourcesConfiguration DetailsEnvironment TagsPermissionsReview Information

## Permissions

Select an instance profile and service role for your AWS Elastic Beanstalk environment.

An instance profile is an IAM role configured for use with EC2 instances. The instances in your Elastic Beanstalk use the credentials provided by the instance profile to communicate with AWS.

A service role allows the Elastic Beanstalk service to monitor environment resources on your behalf. See [Roles and Instance Profiles](#) in the Elastic Beanstalk developer guide for details.

Instance profile:


Service role:

CancelPreviousNext

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The Review of the information is provided in the next screen.

 AWS

Services

Edit

Muddu LathaOregonSupport

Elastic BeanstalkCS5551\_Asm10CS5551\_Assignment10sample\_programCreate New Environment

New Environment

Environment Type

Application Version

Environment Info

Additional Resources

Configuration Details

Environment Tags

Permissions

Review Information

## Review

Review the following information. Then click "Launch."

### New Environment

Tier	Web Server
------	------------

### Environment Type

Container type	64bit Amazon Linux 2015.09 v2.0.8 running Tomcat 8 Java 8
Environment type	Single instance

### Application Version

Application source	C:\fakepath\Warfile1.war
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### Key pair

Email address	(default)
Root volume type	(default)
Root volume size	(default)
Root volume IOPS	
Application health check URL	

### Environment Tags

No settings provided.

### Permissions

Service role	aws-elasticbeanstalk-service-role
Instance profile	aws-elasticbeanstalk-ec2-role

CancelPreviousLaunch

FeedbackEnglish

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Next , we need to launch our Application. Warfile is deployed and we would be able to see the output by clicking on the link generated.

[CS5551\\_Assignment\\_10](#) ▶ CS5551Assignment-10-env ( Environment ID: e-uiepfy4jcb, URL: [cs5551assignment-10-env.us-west-2.elasticbeanstalk.com](https://cs5551assignment-10-env.us-west-2.elasticbeanstalk.com) ) Actions ▾

Dashboard

Configuration

Logs

Health NEW

Monitoring


Alarms

Events

Tags

Elastic Beanstalk is launching your environment.  
[View Events](#)

Overview Refresh




Health  
Ok  
Causes

Running Version

CS5551Assignment-10-envVersion

Upload and Deploy



Configuration

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

Change

Output is as follows:

```
cs5551assignment-10-env.us-west-2.elasticbeanstalk.com/lab6/dtom
@Produces("application/json") Output:
Days to Minutes Converter Output:
{"Minutes Value":2880,"Day Value":2}
```

Below is the screenshot after uploading second warfile which is exported from the application

CS5551\_Assignment\_10

CS5551Assignment-10-env

(Environment ID: e-ulepfy4jcb, URL: cs5551assignment-10-env.us-west-2.elasticbeanstalk.com)

Actions

Dashboard

Configuration

Logs

Health NEW

Monitoring

Alarms

Events

Tags

Overview

Health


Ok

Causes

Running Version

Warfile2

Upload and Deploy



Configuration

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

Change

Refresh

← → ↻ 🏠

cs5551assignment-10-env.us-west-2.elasticbeanstalk.com/lab6/gtop

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

▼ <gtopservice>

<gram>1000.0</gram>

▼ <gtopoutput>

@Produces("application/xml") Output: Gram to Pound Converter Output: 2.2846

</gtopoutput>

</gtopservice>