



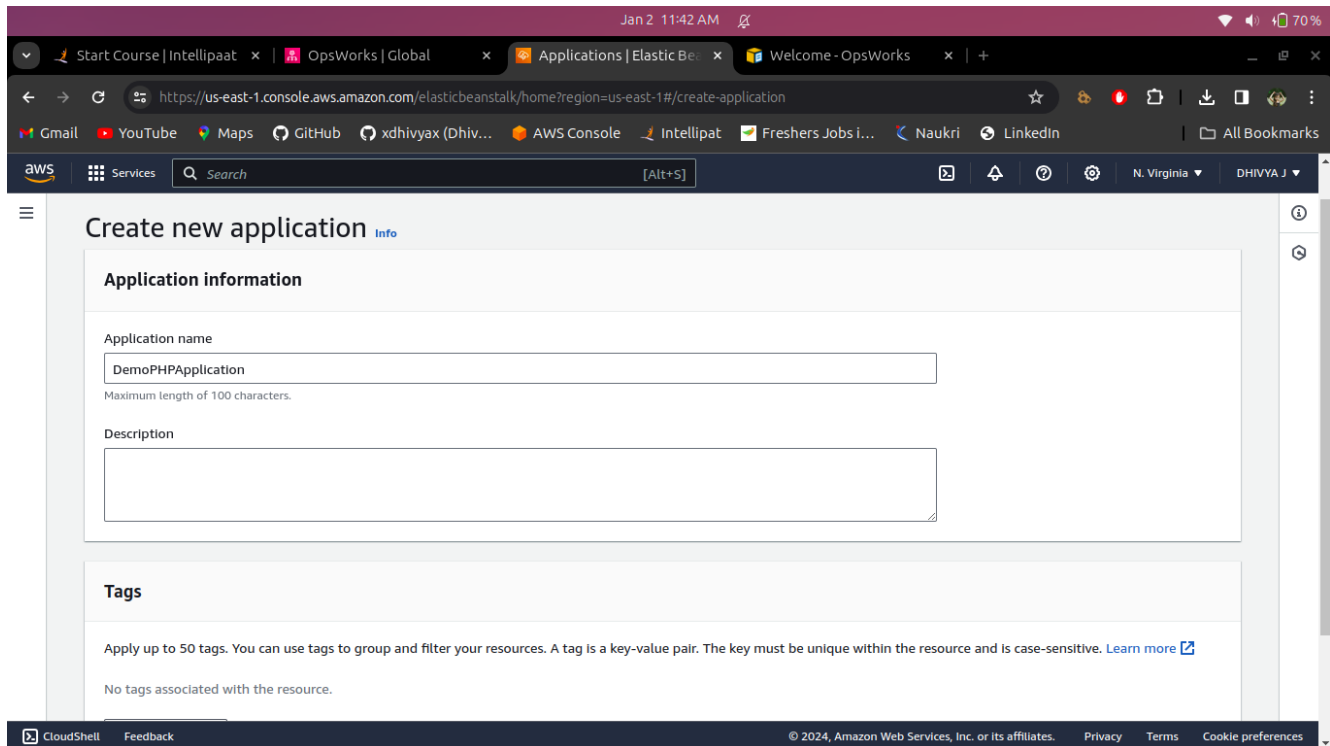
## **Module 9: Elastic Beanstalk Assignment**

## Problem Statement:

You work for XYZ Corporation. Your corporation wants to launch a new web-based application and they do not want their servers to be running all the time. It should also be managed by AWS. Implement suitable solutions.

## Tasks To Be Performed:

1. Create an Elastic Beanstalk environment with the runtime as PHP.
2. Upload a simple PHP file to the environment once created.



The screenshot shows the AWS Management Console interface for creating a new Elastic Beanstalk application. The browser address bar indicates the URL: `https://us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/create-application`. The page title is "Create new application".

**Application information**

Application name:  (Maximum length of 100 characters.)

Description:

**Tags**

Apply up to 50 tags. You can use tags to group and filter your resources. A tag is a key-value pair. The key must be unique within the resource and is case-sensitive. [Learn more](#)

No tags associated with the resource.

The footer of the console shows "CloudShell", "Feedback", and copyright information: "© 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences".

Jan 2 11:43 AM

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https://us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/create-environment?applicationName=DemoPHPAppli...

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## Configure environment [Info](#)

Step 1  
**Configure environment**

Step 2  
Configure service access

Step 3 - optional  
Set up networking, database, and tags

Step 4 - optional  
Configure instance traffic and scaling

Step 5 - optional  
Configure updates, monitoring, and logging

Step 6  
Review

### Environment tier [Info](#)

Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications.

- ☒ **Web server environment**  
Run a website, web application, or web API that serves HTTP requests. [Learn more](#)
- ☐ **Worker environment**  
Run a worker application that processes long-running workloads on demand or performs tasks on a schedule. [Learn more](#)

### Application information [Info](#)

**Application name**  
DemoPHPApplication  
Maximum length of 100 characters.

► **Application tags (optional)**

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https://us-east-1.console.aws.amazon.com/elasticbeanstalk/home?region=us-east-1#/create-environment?applicationName=DemoPHPAppli...

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## Platform [Info](#)

**Platform type**

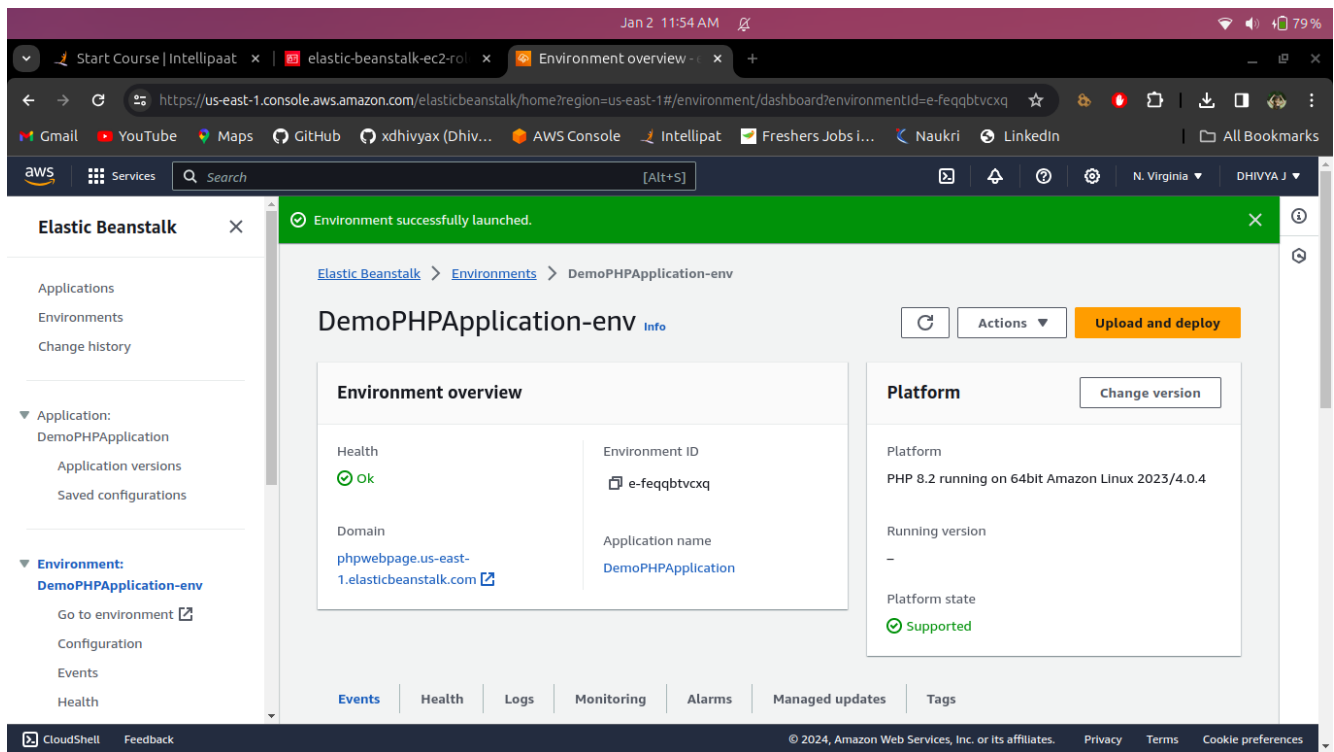
- ☒ **Managed platform**  
Platforms published and maintained by Amazon Elastic Beanstalk. [Learn more](#)
- ☐ **Custom platform**  
Platforms created and owned by you. This option is unavailable if you have no platforms.

**Platform**  
PHP

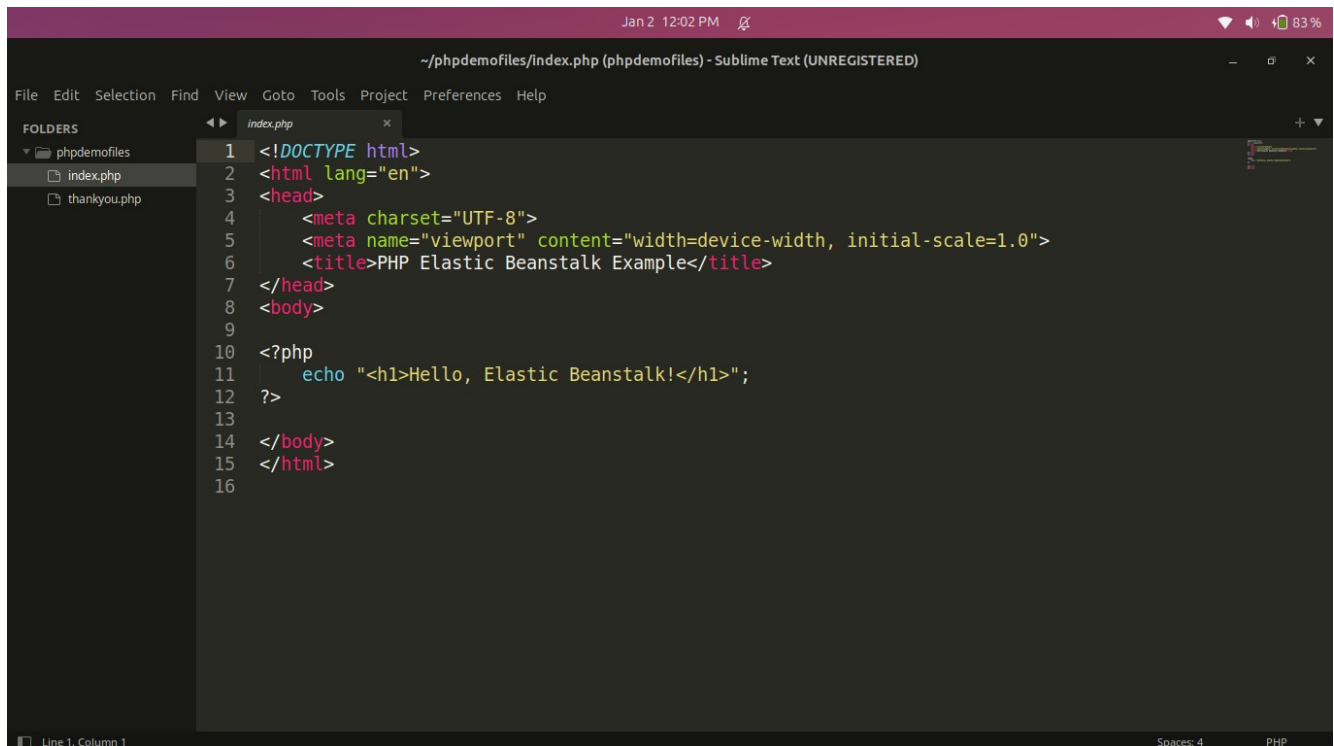
**Platform branch**  
PHP 8.2 running on 64bit Amazon Linux 2023

**Platform version**  
4.0.4 (Recommended)

### Application code [Info](#)



K



Jan 2 12:03 PM

~/phpdemofiles/thankyou.php (phpdemofiles) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

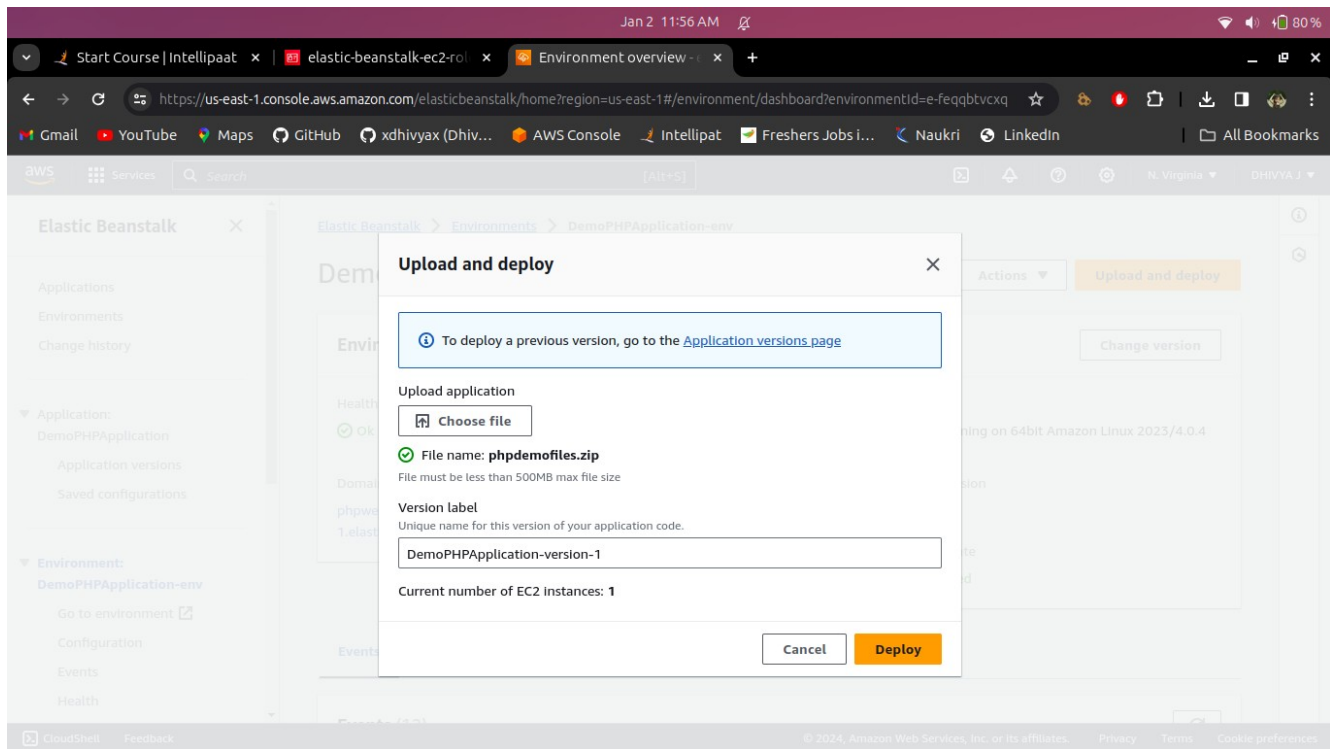
FOLDERS

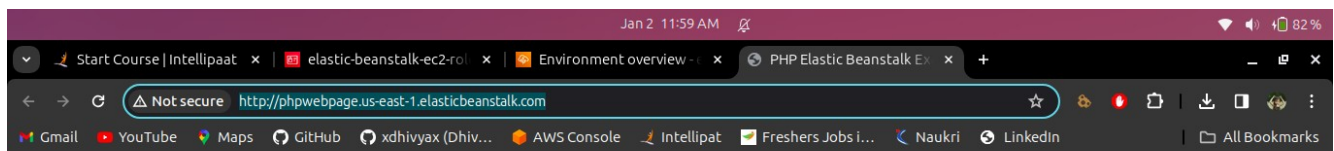
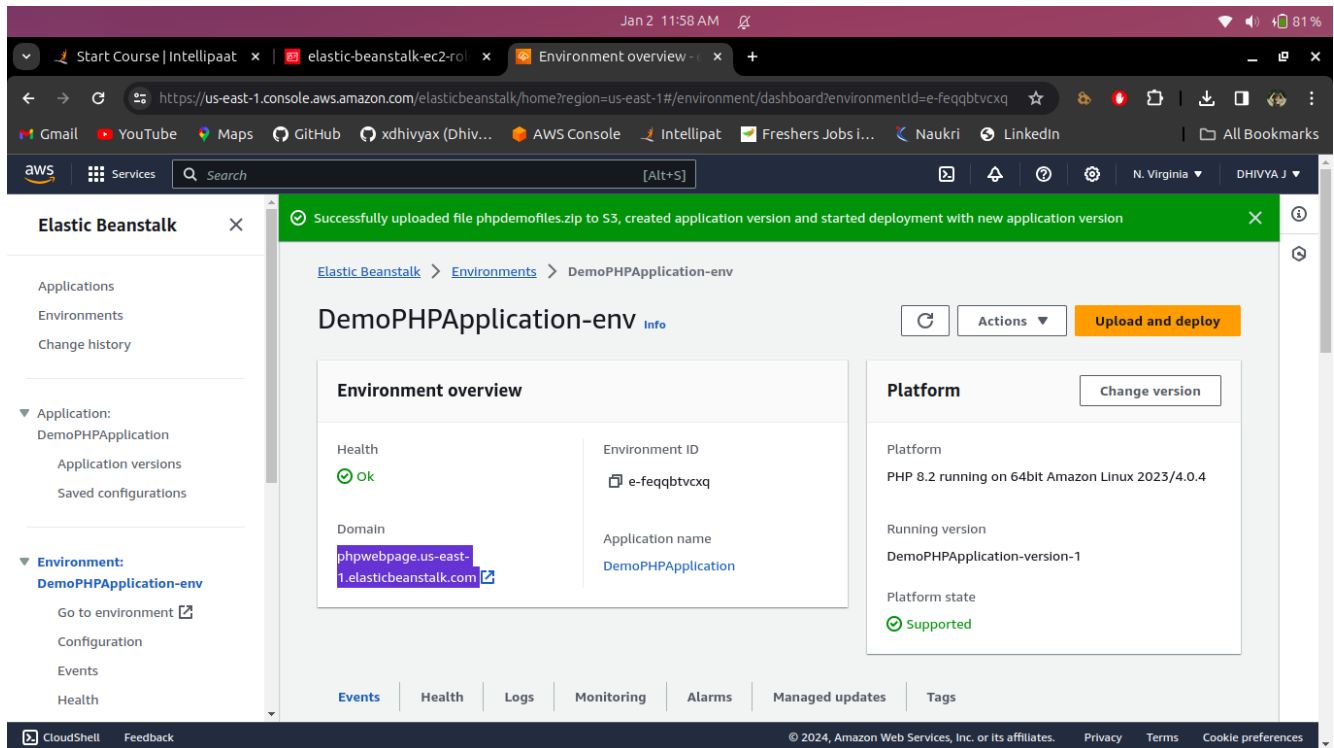
- phpdemofiles
  - index.php
  - thankyou.php

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Thank You</title>
7 </head>
8 <body>
9
10 <?php
11     // Display a simple thank you message
12     echo "<h1>Thank You!</h1>";
13     echo "<p>Have a Nice Day!!!!</p>";
14 ?>
15
16 </body>
17 </html>
18
```

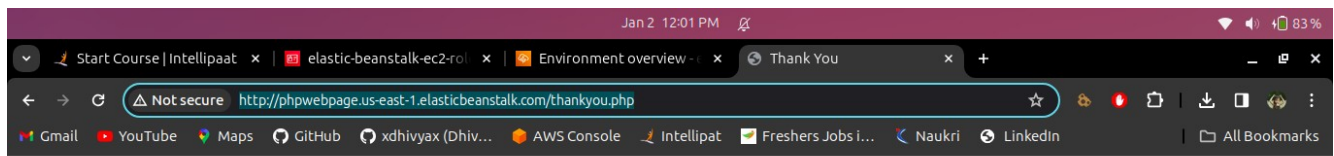
Line 1, Column 1

Spaces: 4 PHP





**Hello, Elastic Beanstalk!**



## Thank You!

Have a Nice Day!!!!