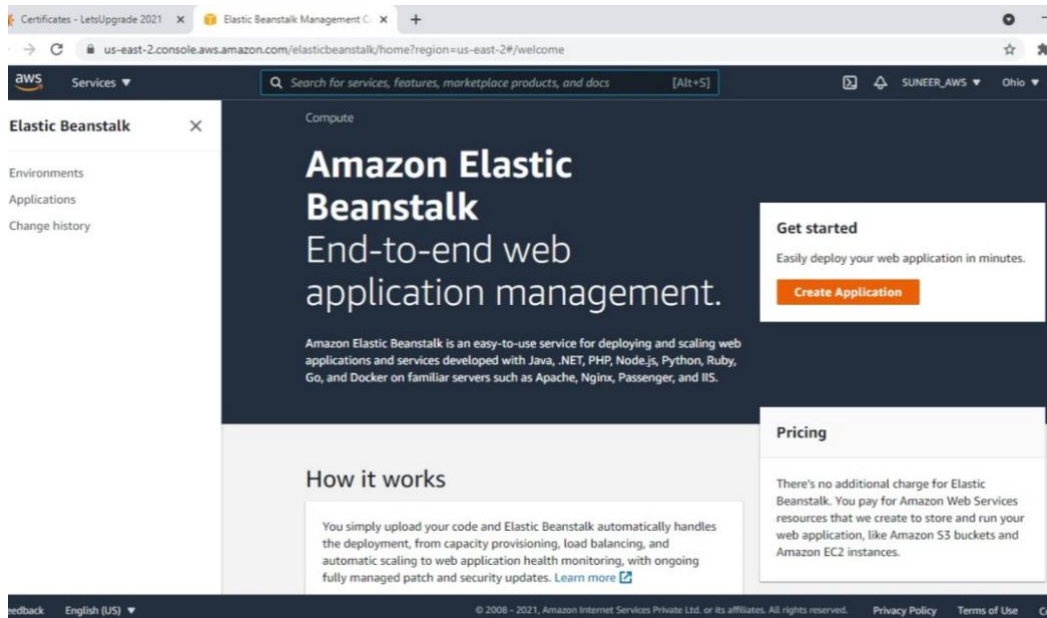


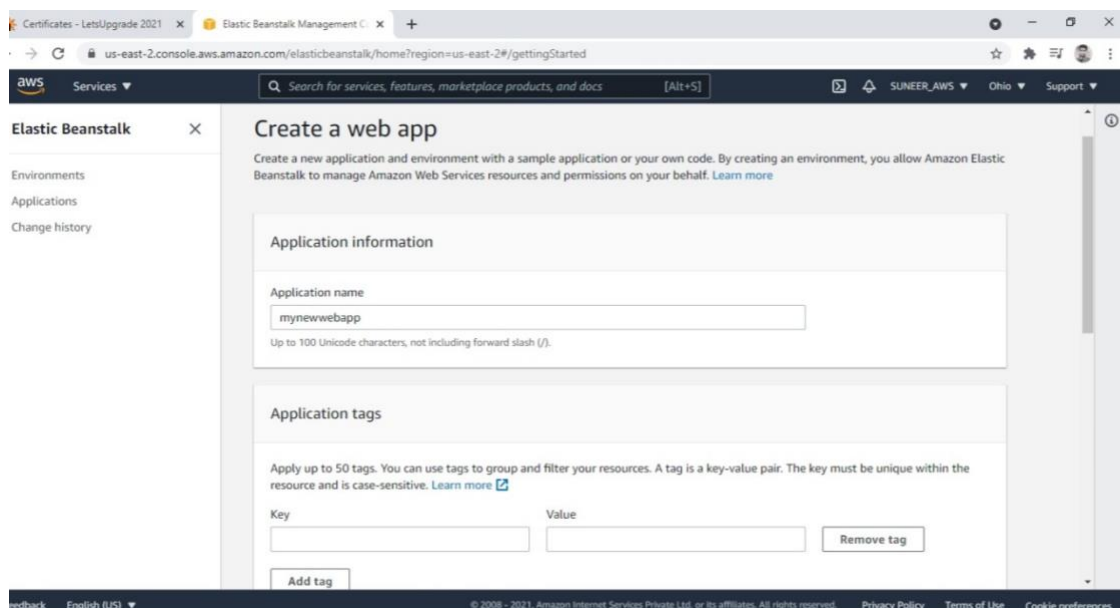
## AWS Essentials Assignment -2

Deploying a sample application on elastic beanstalk.

- Open Elastic beanstalk from the Aws console and click on Create Application.



- Enter the application name (mynewwebapp)



- Select the platform that we need to create the web application. Provide the details and create application.

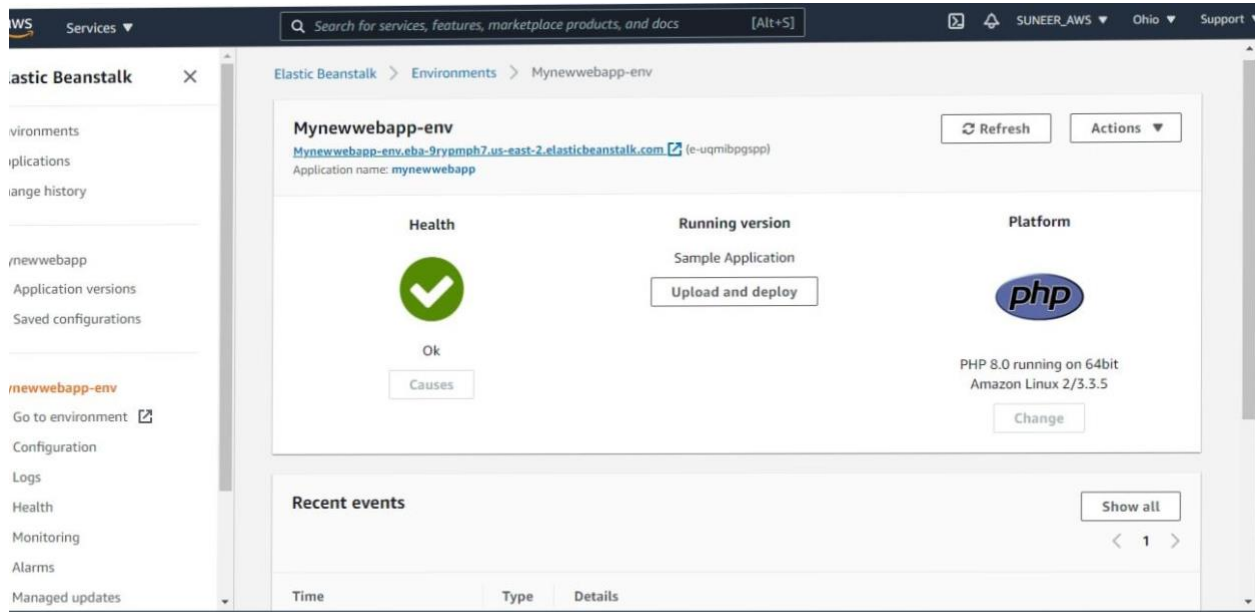
The screenshot shows the AWS Elastic Beanstalk console. On the left, the 'Elastic Beanstalk' menu is open, showing 'Environments', 'Applications', and 'Change history'. The main panel is titled 'Platform' and contains three dropdown menus: 'Platform' (set to 'PHP'), 'Platform branch' (set to 'PHP 8.0 running on 64bit Amazon Linux 2'), and 'Platform version' (set to '3.3.5 (Recommended)'). Below these is the 'Application code' section with two radio buttons: 'Sample application' (selected) and 'Upload your code'. At the bottom right are three buttons: 'Cancel', 'Configure more options', and 'Create application'.

- Application is created in PHP platform. Now we need to launch the application

The screenshot shows the AWS Elastic Beanstalk console with the 'Environments' tab selected. The breadcrumb trail is 'Elastic Beanstalk > Environments > Mynewwebapp-env'. A blue banner at the top says 'Creating Mynewwebapp-env This will take a few minutes. ...'. Below this is a log of events:

- 10:57am Waiting for EC2 instances to launch. This may take a few minutes.
- 10:57am Created Auto Scaling group named: `awseb-e-uqmbpgspp-stack-AWSEBAutoScalingGroup-9IGNB6C98Q90`
- 10:57am Environment health has transitioned to Pending. Initialization in progress (running for 23 seconds). There are no instances.
- 10:56am Created security group named: `awseb-e-uqmbpgspp-stack-AWSEBSecurityGroup-61QG0IOVDGUG`
- 10:56am Created security group named: `sg-03f76371699d6685b`
- 10:56am Created target group named: `arn:aws:elasticloadbalancing:us-east-2:227160538599:targetgroup/awseb-AWSEB-1ET64JVTOPK6S/fd92f56d9647ad1e`
- 10:56am Using elasticbeanstalk-us-east-2-227160538599 as Amazon S3 storage bucket for environment data.
- 10:56am createEnvironment is starting.

- Open the environment and click on the link and launch the application.



- Application is successfully launched .

