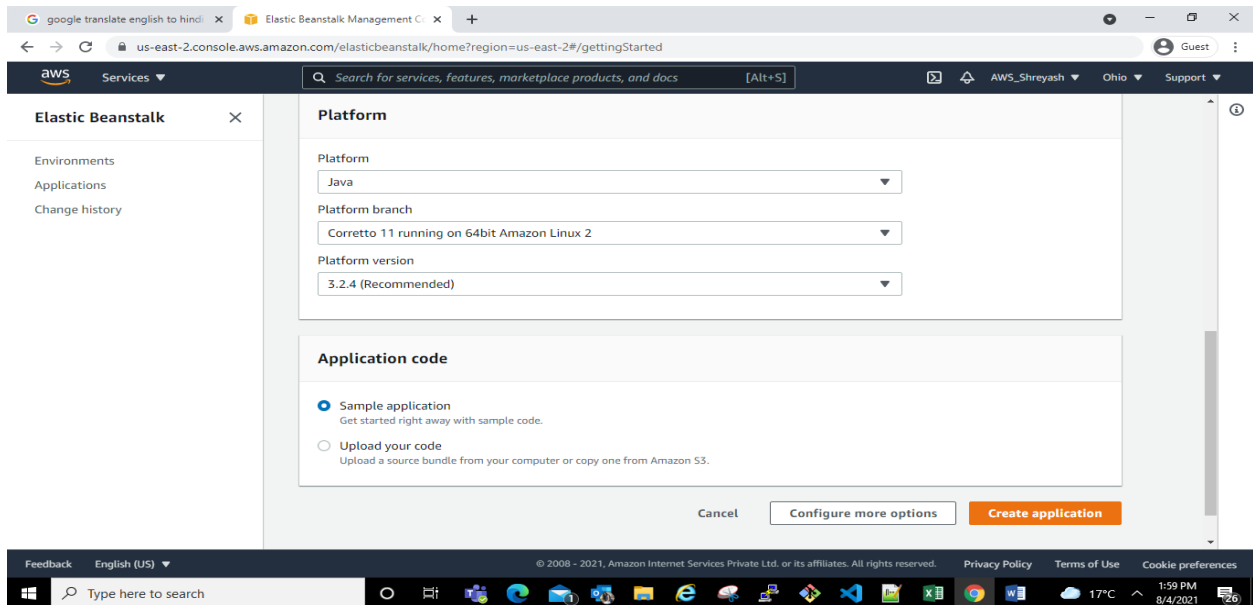


Assignment 3

Task 1:

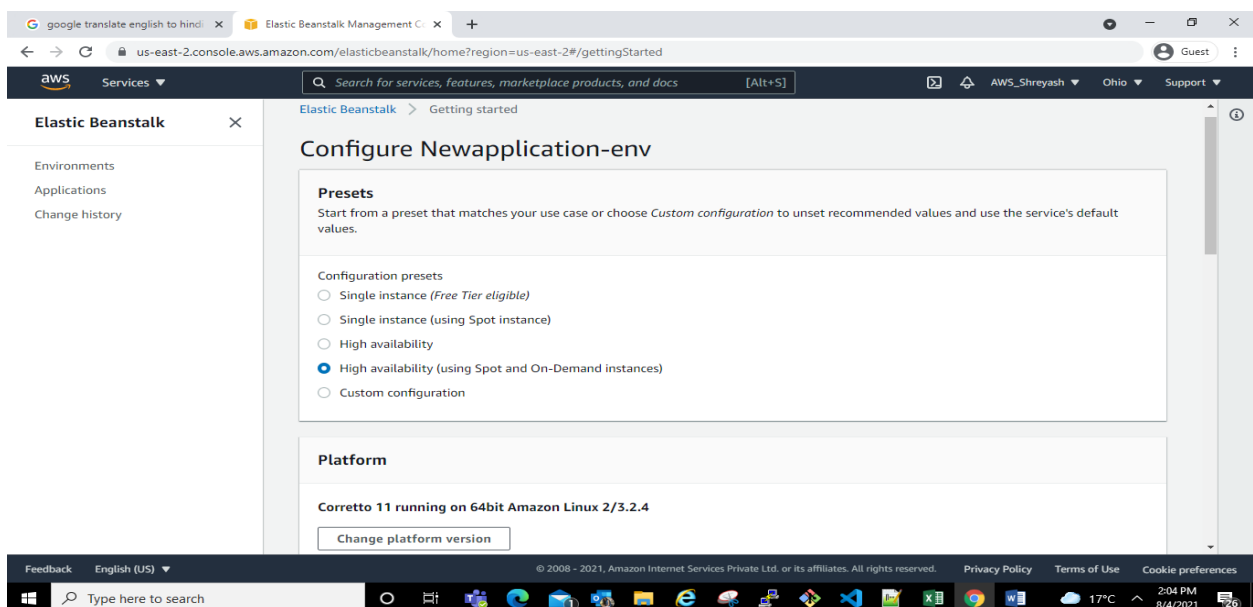
Deploying a sample application using Elastic Beanstalk.

Step 1: Creating a Web app

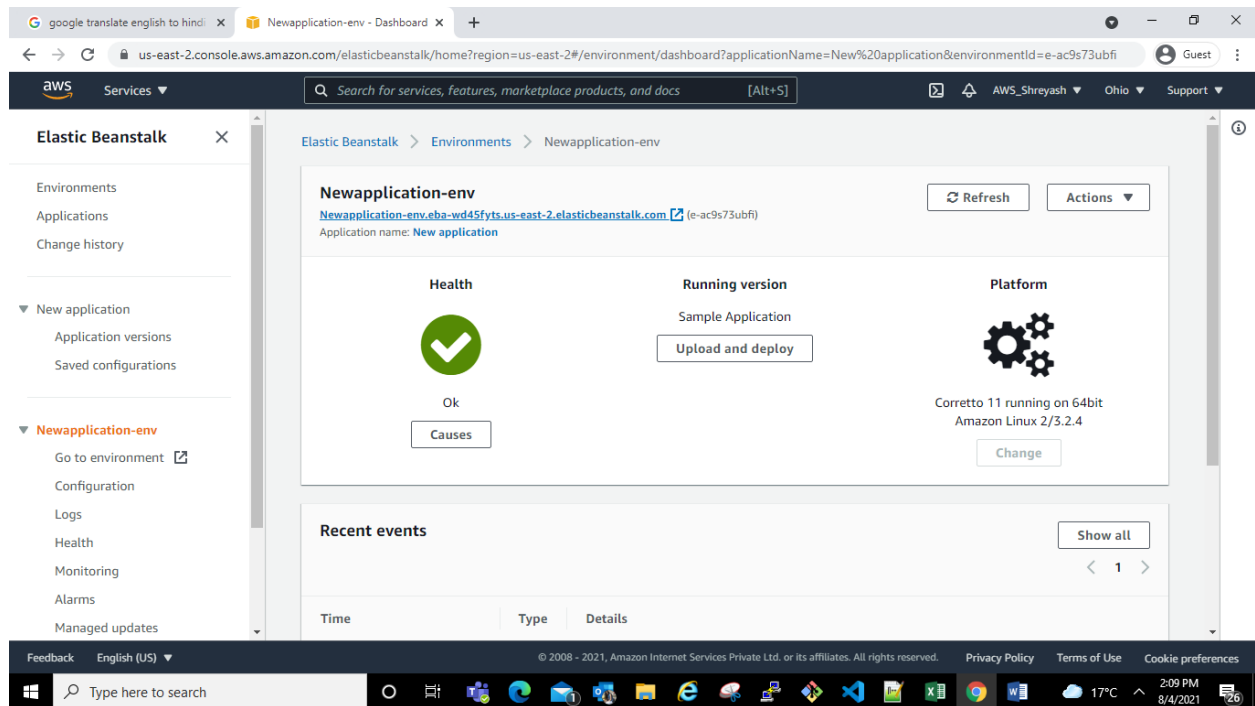


Step 2:

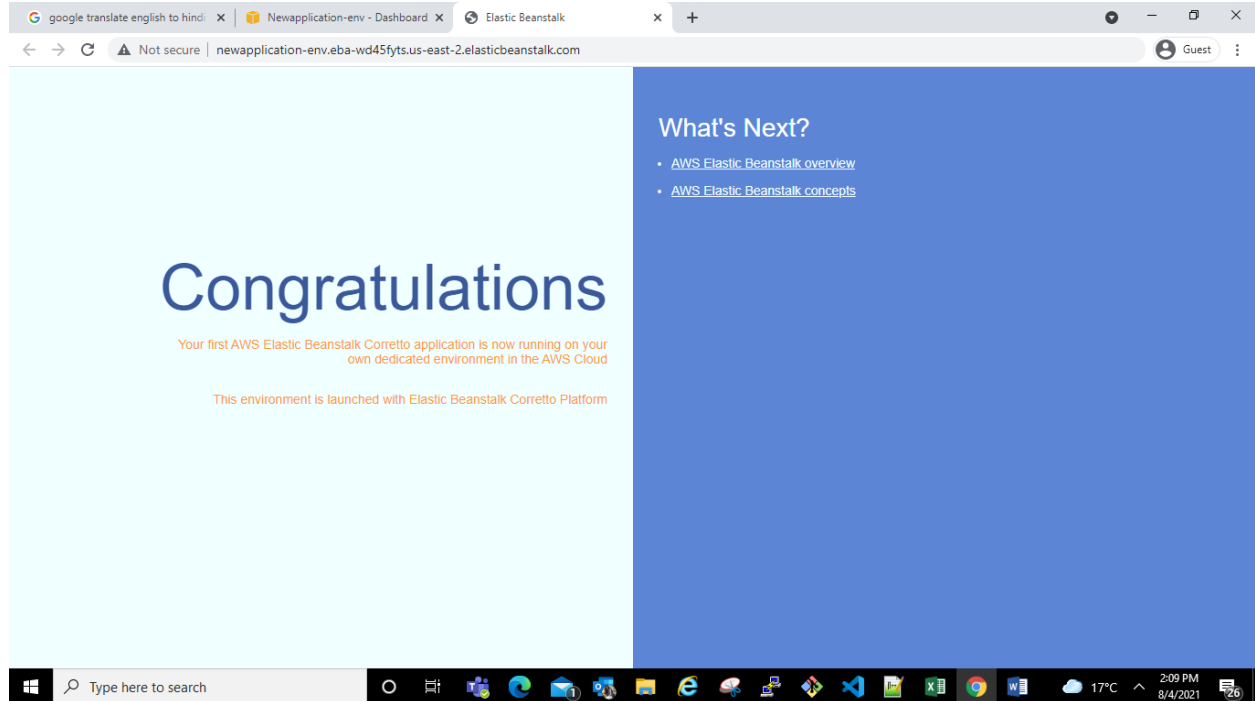
Setting Configurations.



Here it is created.



Successfully deploying .



Task 2

Application versions

The screenshot shows the AWS Elastic Beanstalk console. The left sidebar contains the 'Elastic Beanstalk' menu with options for 'Environments', 'Applications', and 'Change history'. Under 'New application', 'Application versions' is selected. The main content area displays the 'Application versions' page for a new application. It includes a table with one version: 'Sample Application', created on 2021-08-04T14:04:59+05:30, with source 'Sample Application' and deployed to 'Newapplication-env'. Buttons for 'Actions', 'Settings', 'Upload', and 'Refresh' are visible.

<input type="checkbox"/>	Version label	Description	Date created	Source	Deployed to
<input type="checkbox"/>	Sample Application		2021-08-04T14:04:59+05:30	Sample Application	Newapplication-env

The screenshot shows the AWS Elastic Beanstalk console for the 'Newapplication-env' environment. The left sidebar shows 'Environments' selected, with 'Newapplication-env' highlighted. The main content area displays the environment dashboard. It includes a 'Health' section with a green checkmark and 'Ok' status, a 'Running version' section showing 'Sample Application' with an 'Upload and deploy' button, and a 'Platform' section showing 'Corretto 11 running on 64bit Amazon Linux 2/3.2.4' with a 'Change' button. Below these is a 'Recent events' section with a 'Show all' button and a table with columns 'Time', 'Type', and 'Details'.

Time	Type	Details
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Task 3

Events

The screenshot displays the AWS Elastic Beanstalk console interface. The left sidebar shows the navigation menu with options like 'New application', 'Application versions', 'Saved configurations', and 'Recent environments'. The main content area is titled 'Events' and shows a list of events for the environment 'Newapplication-env'. The events are filtered by 'Severity' set to 'TRACE'. The table lists events with columns for 'Time', 'Type', and 'Details'. The events show the progression of the environment from 'Pending' to 'Ok', including instance deployment, load balancer creation, and CloudWatch alarm setup.

Time	Type	Details
2021-08-04 14:08:51 UTC+0530	INFO	Environment health has transitioned from Pending to Ok. Initialization completed 32 seconds ago and took 3 minutes.
2021-08-04 14:08:18 UTC+0530	INFO	Successfully launched environment: Newapplication-env
2021-08-04 14:08:16 UTC+0530	INFO	Application available at Newapplication-env.eba-wd45fyts.us-east-2.elasticbeanstalk.com.
2021-08-04 14:07:51 UTC+0530	INFO	Added instance [i-05c733f2099cd9f4] to your environment.
2021-08-04 14:07:45 UTC+0530	INFO	Instance deployment completed successfully.
2021-08-04 14:07:43 UTC+0530	INFO	Instance deployment successfully built your application using commands in the 'Buildfile'.
2021-08-04 14:07:43 UTC+0530	INFO	Instance deployment successfully used commands in the 'Profile' to start your application.
2021-08-04 14:07:03 UTC+0530	INFO	Created Load Balancer listener named: arn:aws:elasticloadbalancing:us-east-2:881573803577:listener/app/awseb-AWSEB-1PULDQUR239R9/e4223435acbd2a1e/7eebfff5af25ecc9
2021-08-04 14:07:00 UTC+0530	INFO	Created load balancer named: arn:aws:elasticloadbalancing:us-east-2:881573803577:loadbalancer/app/awseb-AWSEB-1PULDQUR239R9/e4223435acbd2a1e
2021-08-04 14:07:00 UTC+0530	INFO	Created CloudWatch alarm named: awseb-e-ac9s73ubfi-stack-AWSEBCloudwatchAlarmLow-2PVIFW6RYR1B
2021-08-04 14:07:00 UTC+0530	INFO	Created CloudWatch alarm named: awseb-e-ac9s73ubfi-stack-AWSEBCloudwatchAlarmHigh-LYVK04BEVELR
2021-08-04 14:06:45 UTC+0530	INFO	Created Auto Scaling group policy named: arn:aws:autoscaling:us-east-2:881573803577:scalingPolicy:c429e8e6-9bc5-4c1e-8326-95f3c16e3ba2:autoScalingGroupName/awseb-e-ac9s73ubfi-stack-AWSEBAutoScalingGroup-1D8FVY2LCHCA4:policyName/awseb-e-ac9s73ubfi-stack-AWSEBAutoScalingScaleDownPolicy-1KJSDOR84D8YH
2021-08-04 14:06:45 UTC+0530	INFO	Created Auto Scaling group policy named: arn:aws:autoscaling:us-east-2:881573803577:scalingPolicy:095a7ff4-d90a-44a5-adc0-eaac02c4232e:autoScalingGroupName/awseb-e-ac9s73ubfi-stack-AWSEBAutoScalingGroup-1D8FVY2LCHCA4:policyName/awseb-e-ac9s73ubfi-stack-AWSEBAutoScalingScaleUpPolicy-1UO8IS56HPK54
2021-08-04 14:06:45 UTC+0530	INFO	Waiting for EC2 instances to launch. This may take a few minutes.
2021-08-04 14:06:45 UTC+0530	INFO	Created Auto Scaling group named: awseb-e-ac9s73ubfi-stack-AWSEBAutoScalingGroup-1D8FVY2LCHCA4
2021-08-04 14:05:51 UTC+0530	INFO	Environment health has transitioned to Pending. Initialization in progress (running for 12 seconds). There are no instances.
2021-08-04 14:05:44 UTC+0530	INFO	Created security group named: awseb-e-ac9s73ubfi-stack-AWSEBSecurityGroup-1A3U8G8JH9U8