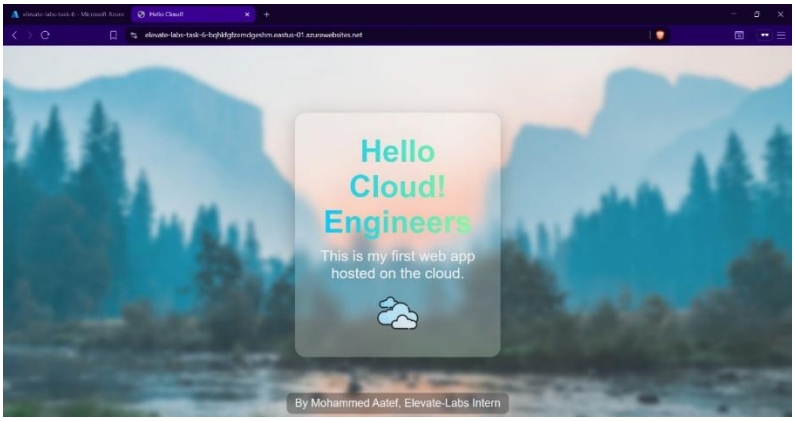
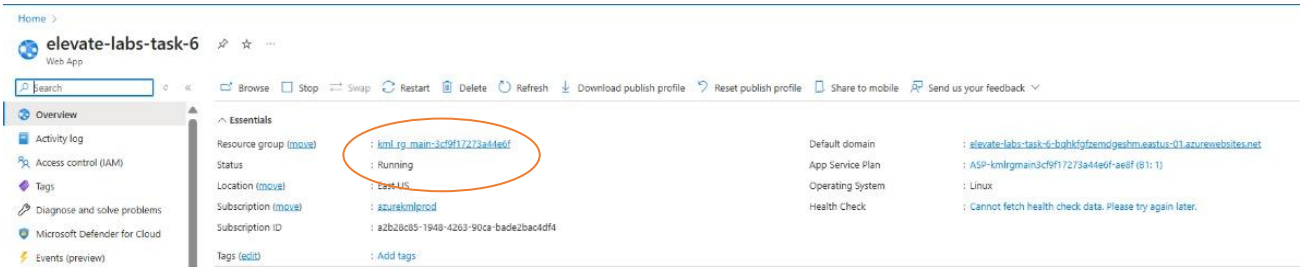
***Deliverables: ***

*** Deployed web app URL (running live)**



*** Cloud Console with your app running**



*** Source code folder (ZIP or GitHub repo)**

https://github.com/aatef14/Elevate-labs-task-6/tree/main/static-web

*** Short note explaining deployment steps**

*This project demonstrates how I deployed a **static website** on **Microsoft Azure App Service**. The website was developed using **HTML** and **CSS**, focusing on a clean and responsive design.*

*To simplify the deployment and ensure environment consistency, I **containerized the entire web application using Docker**. By creating a Docker image, I could package the web server configuration and the static files together, making it easy to deploy and run the same setup anywhere — whether locally or on Azure.*

*During development, I also added a **customization feature** that allows users to **dynamically change the footer text** of the web page through a variable. This provides flexibility for branding or personalization without modifying the base code.*

*Once the container image was built, it was pushed to **Docker Hub registry** , and then deployed to **Azure App Service for Containers**, which hosts and serves the static site. This setup ensures scalability, easy updates, and minimal manual intervention during redeployments.*

ELEVATE LABS - TASK #6

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***Designation**: Cloud Intern*

***Gmail:** moatif1416@gmail.com*

***GitHub**: https://github.com/aatef14/Elevate-labs-task-6*

Task #2: Host and Deploy a Web Application on the Cloud.

Objective: To deploy a *static or dynamic web application* (like a simple portfolio or basic HTML app) on a cloud platform using a *virtual machine, App Engine, or web hosting service*.

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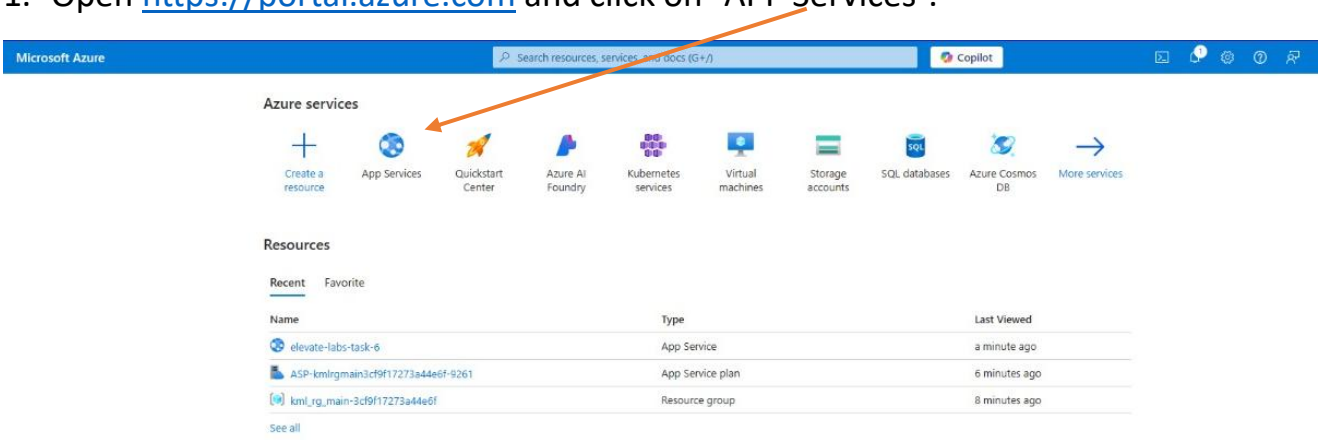
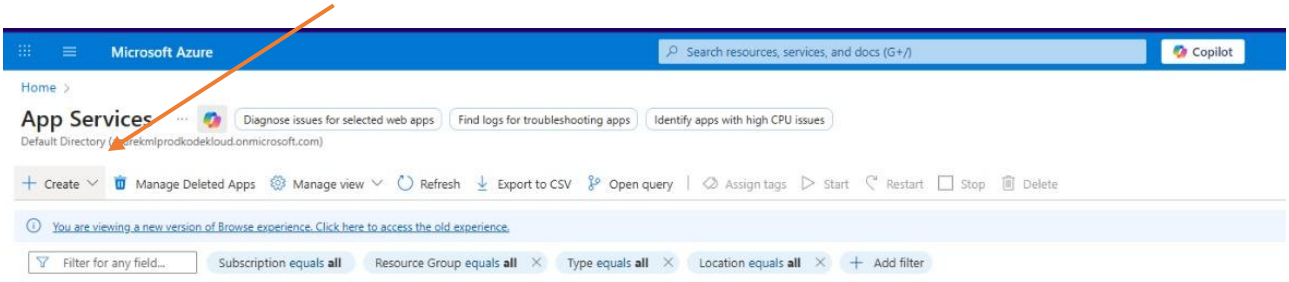
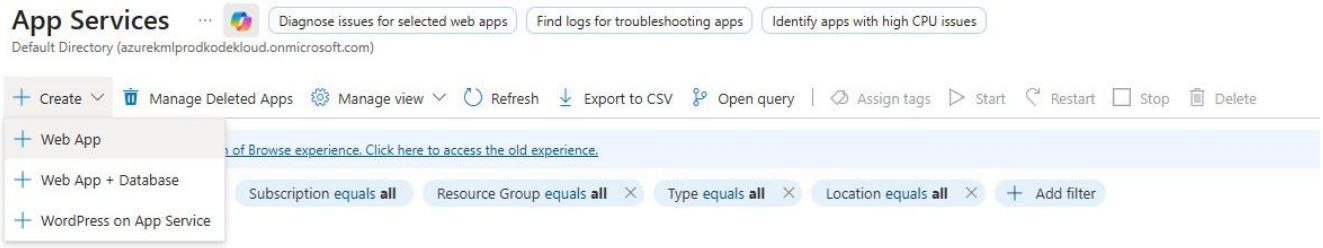
1. Open https://portal.azure.com and click on “APP Services”.



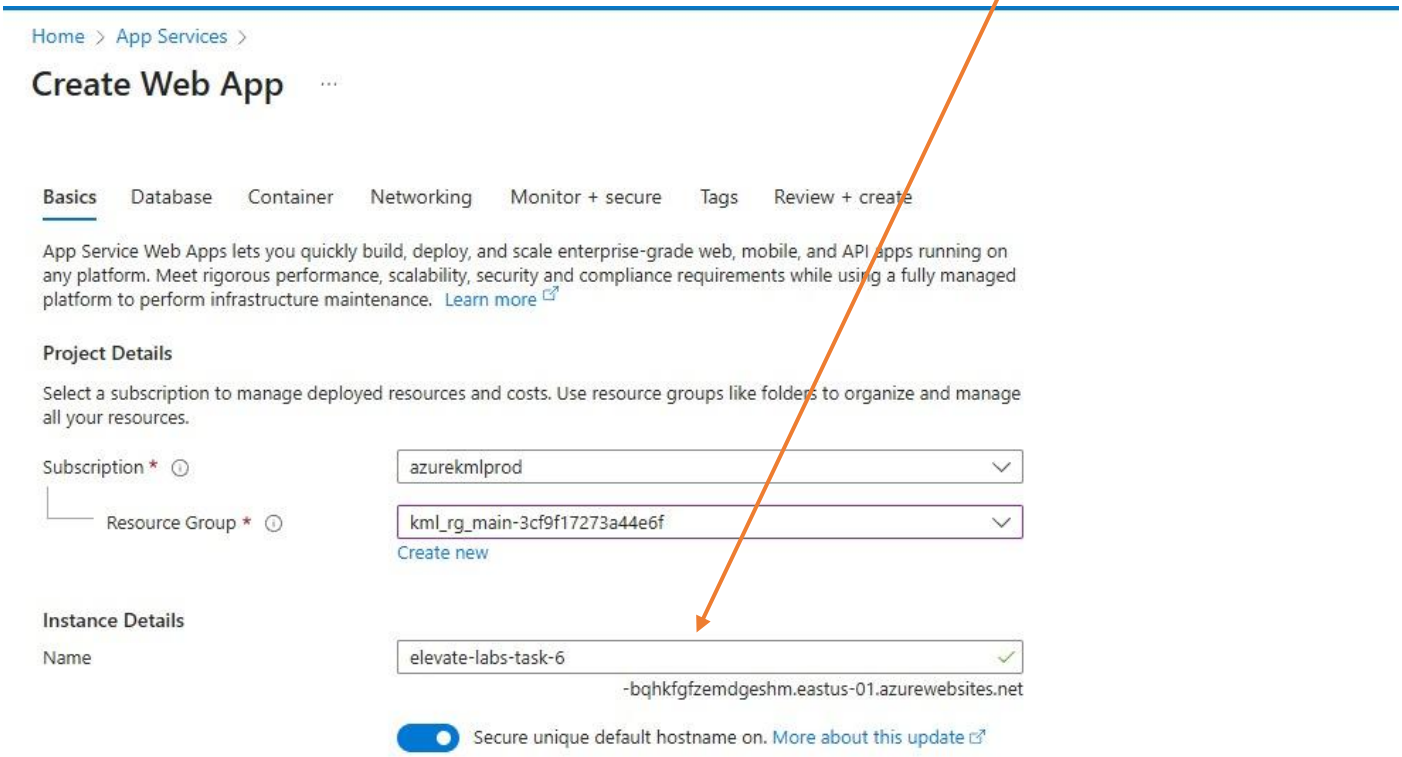
2. Then click on “Create”.



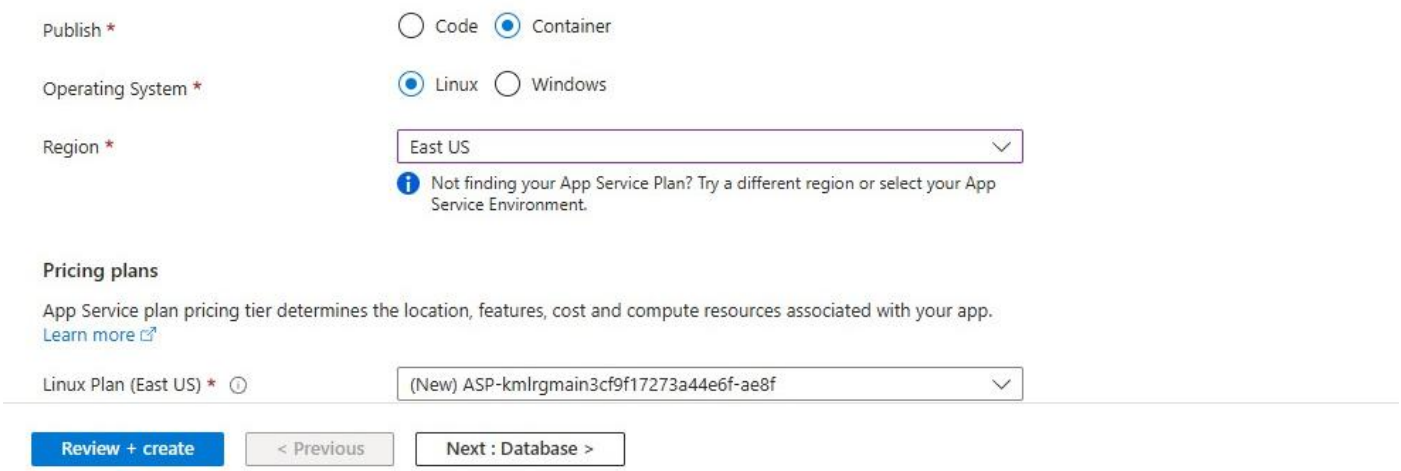
3. Then click on “web-app”.



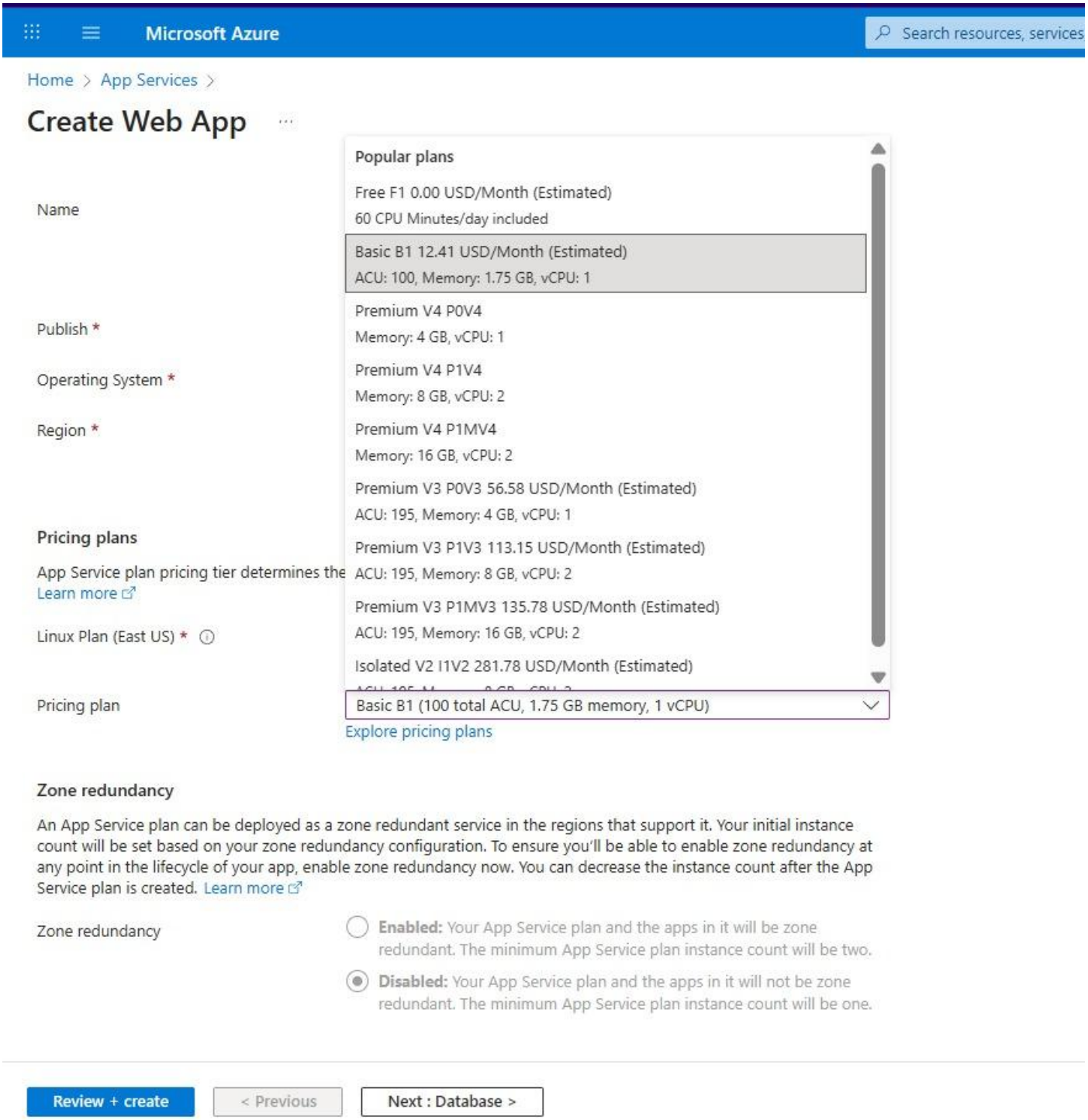
4. Select “subscription” and “resource group” and give a unique name. As it will be used as domain.



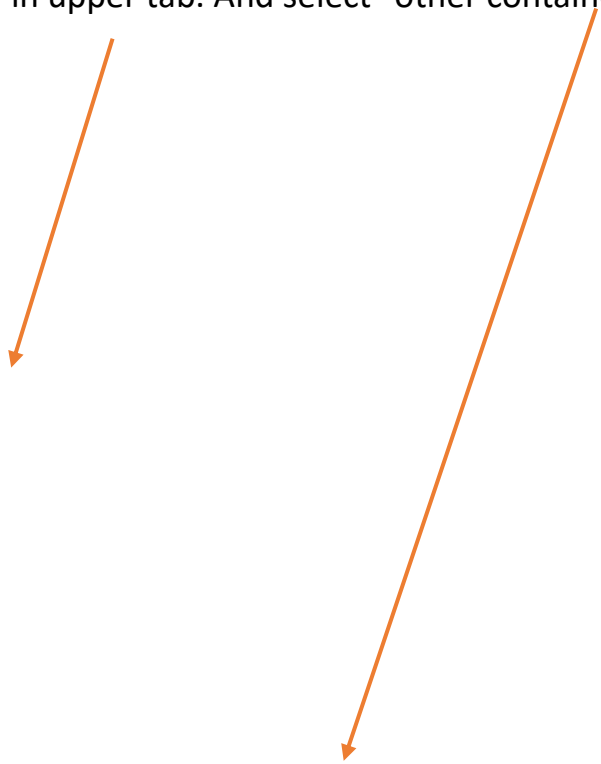
5. For publishing code, I will docker container.

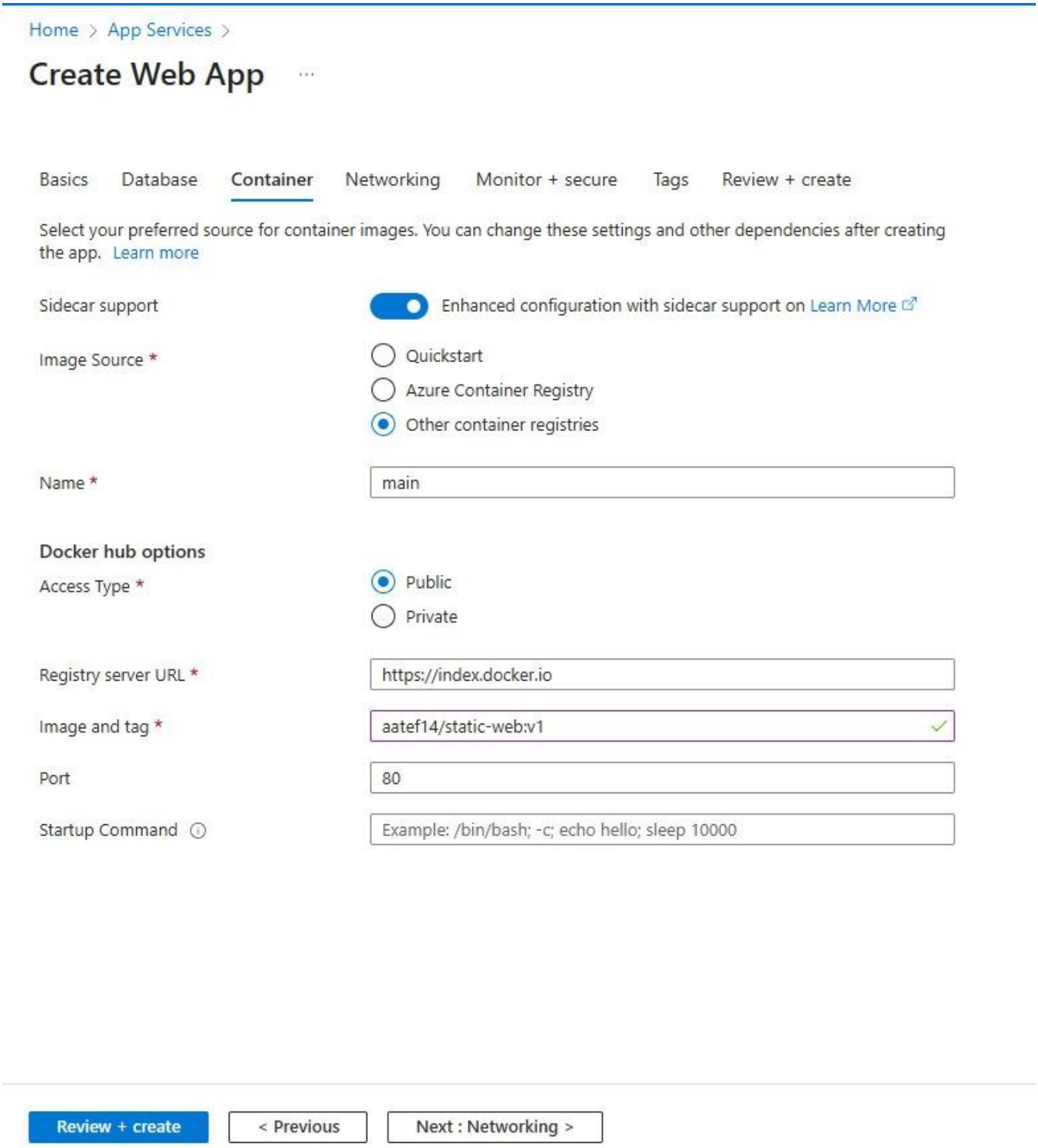


6. For pricing keep it basic or free



7. Click on container in upper tab. And select “other container registries” as we will use docker

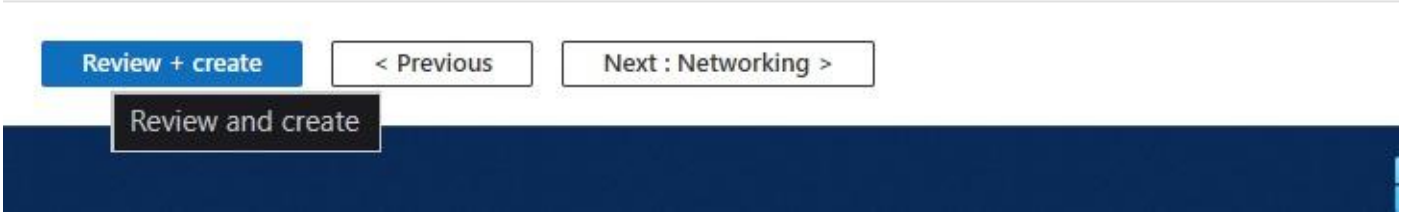




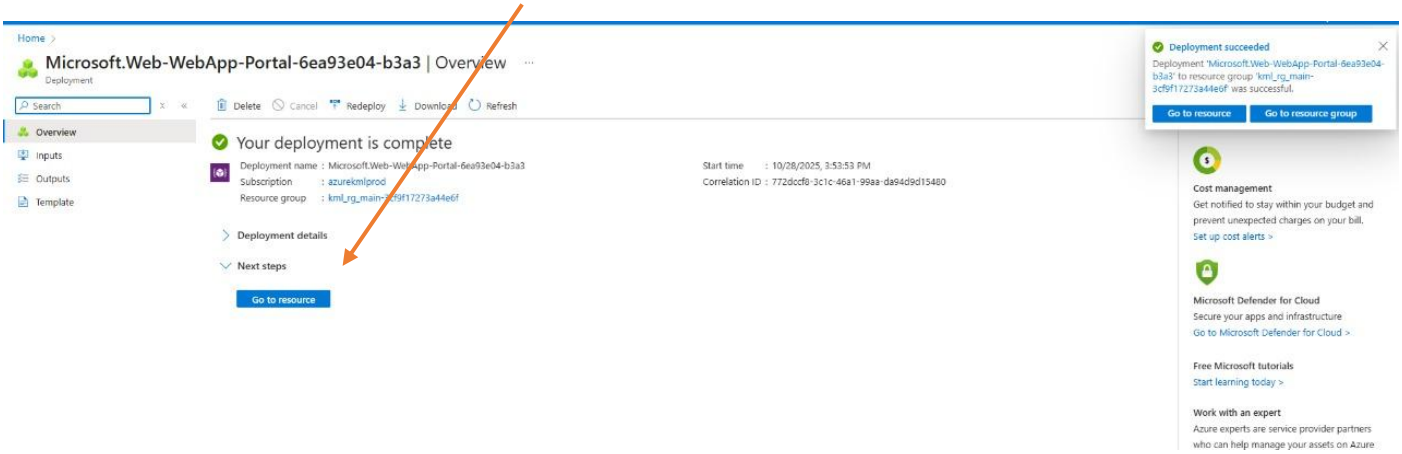
Give any name and in “image and tag” put “aatef14/static-web:v1”

For more info on the image https://hub.docker.com/r/aatef14/static-web

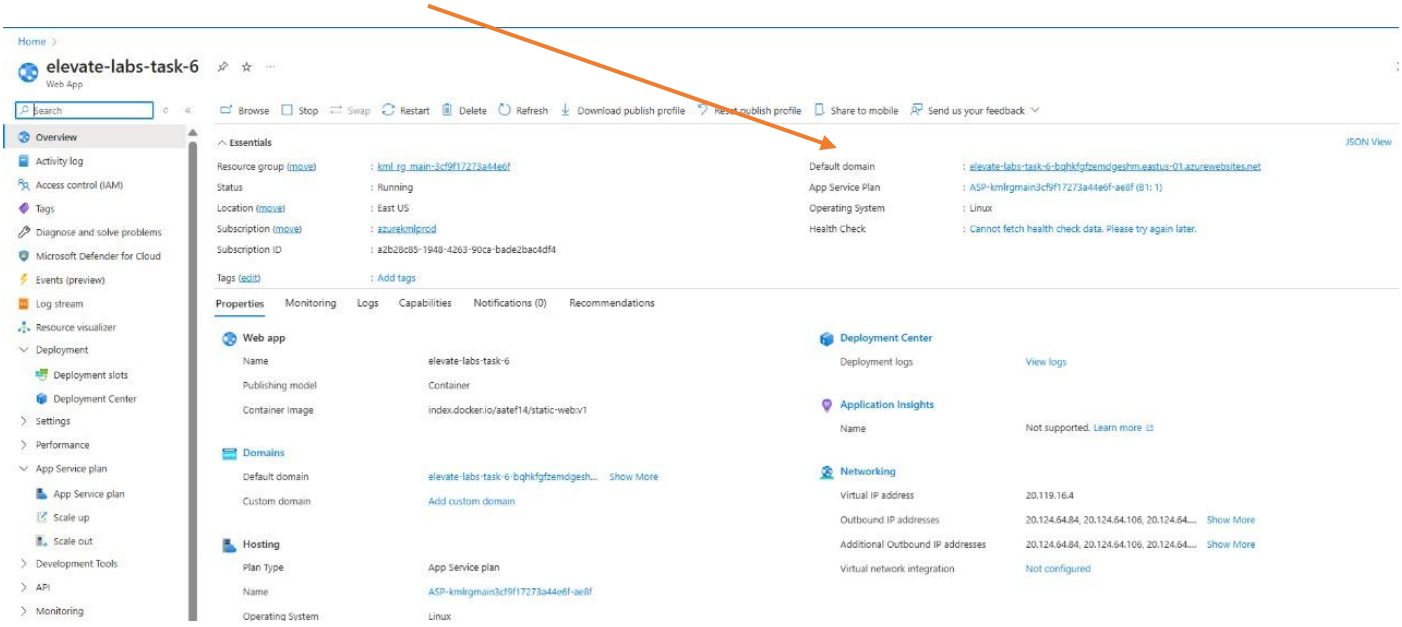
8. Lastly click on review + create.

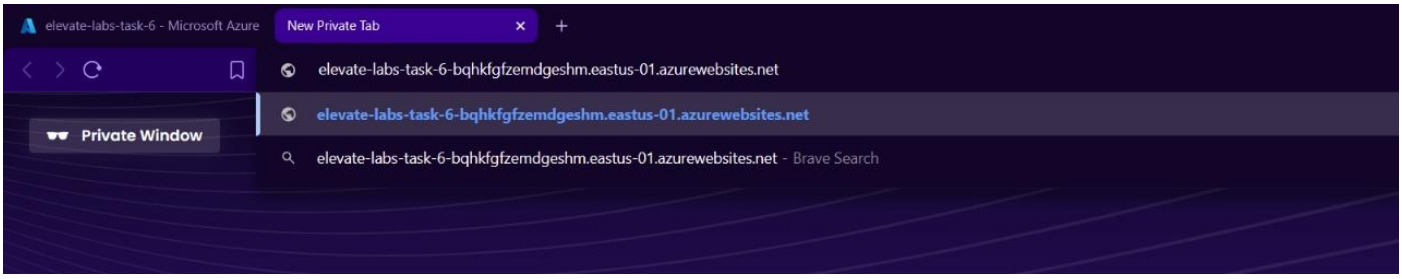


9. Once deployed click on “Go to resource”



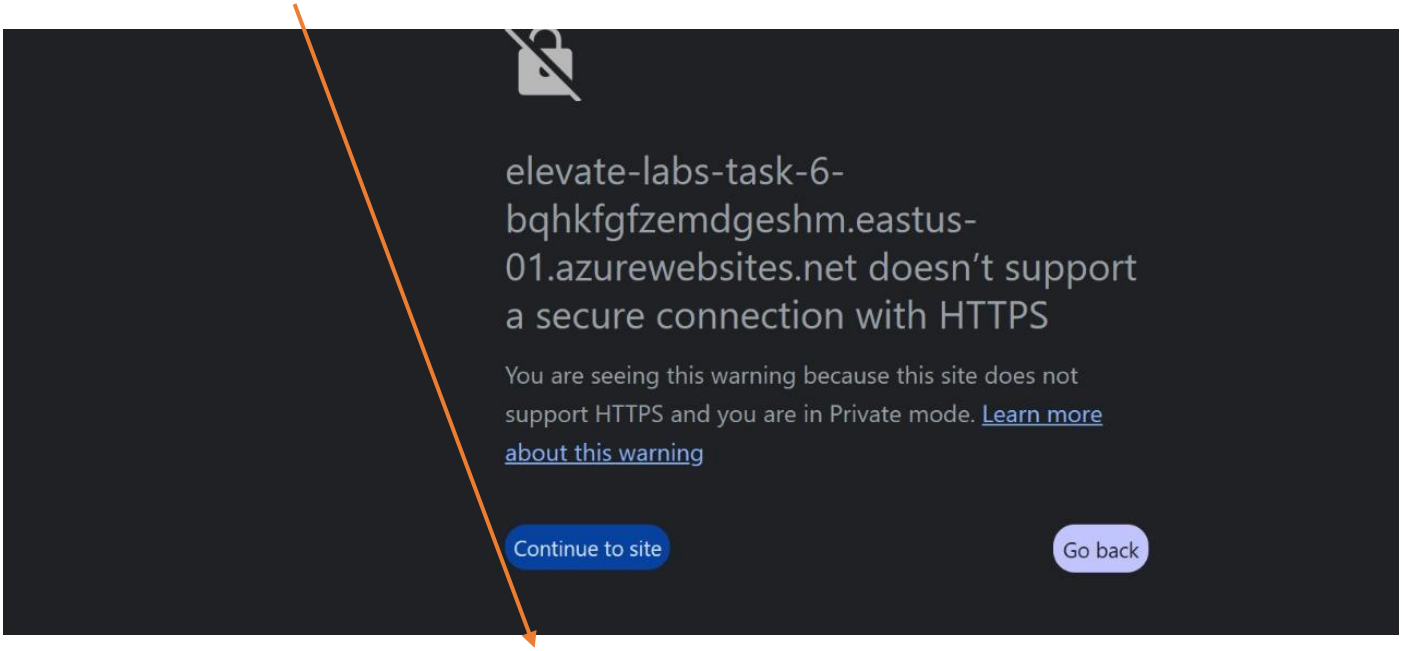
10. You find all the details in overview page of the created app service copy the default domain. And paste it in browser.



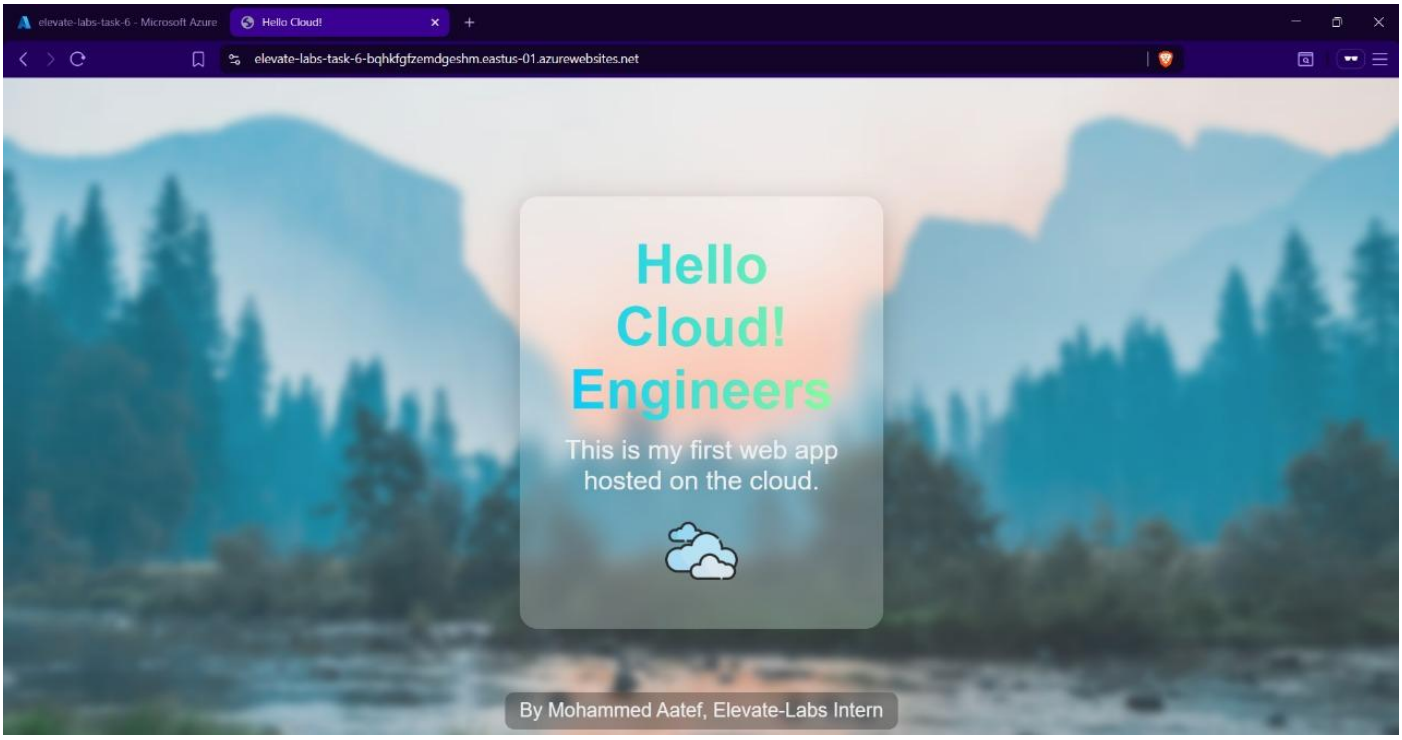


11. As its only http protocol, you will such warning as we are only testing so its fine.

Click on “Continue to site”



Successfully deployed static-website



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