Assignment 1

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Scripting and Automation

PROG8830 - Winter 2025 - Section 1

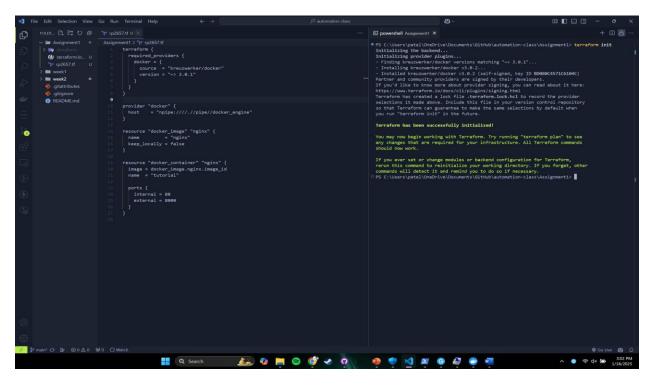
Prof. Mike Dabydeen

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Initialize Terraform

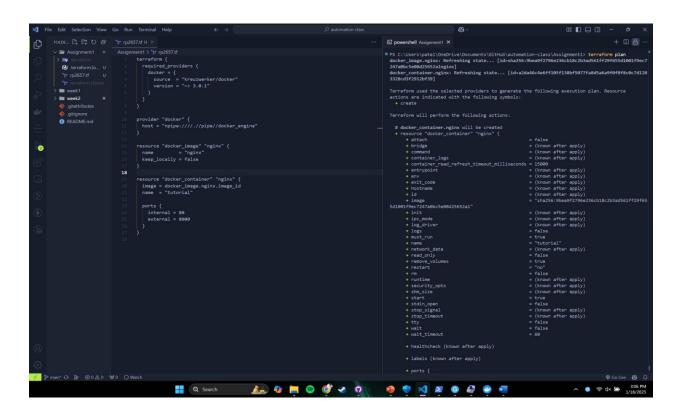
Initialize Terraform in your working directory using this command:

terraform init



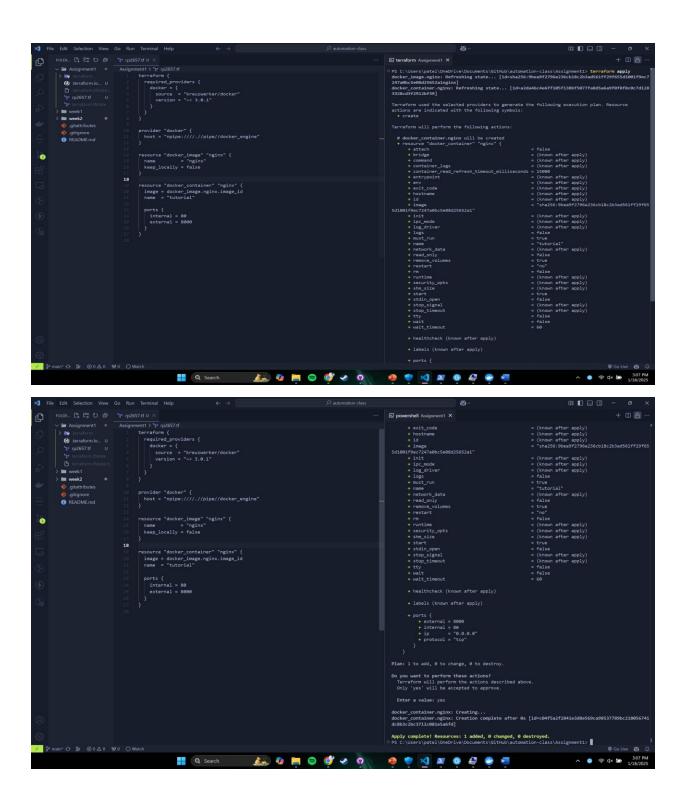
Review and Apply Configuration

- Review the Terraform execution plan using the command terraform plan
- Ensure that the plan includes the creation of the desired Docker container running Nginx



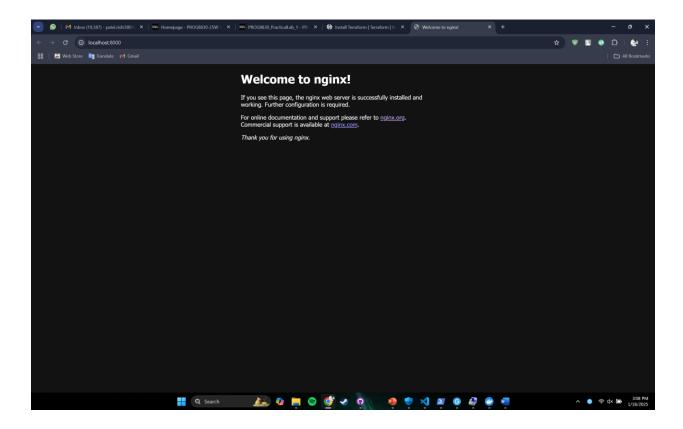
Apply the Terraform configuration to provision the resources using the command:

terraform apply



Verify Nginx Server

- Once the Terraform apply process is completed successfully, verify that the Nginx server is running
- Use a web browser or tools like curl to access the Nginx server running inside the Docker container by navigating to http://localhost:8000/



Cleanup

- After completing the verification, remove the resources provisioned by Terraform to avoid unnecessary costs and resource consumption terraform destroy
- Confirm the destruction of resources when prompted.

