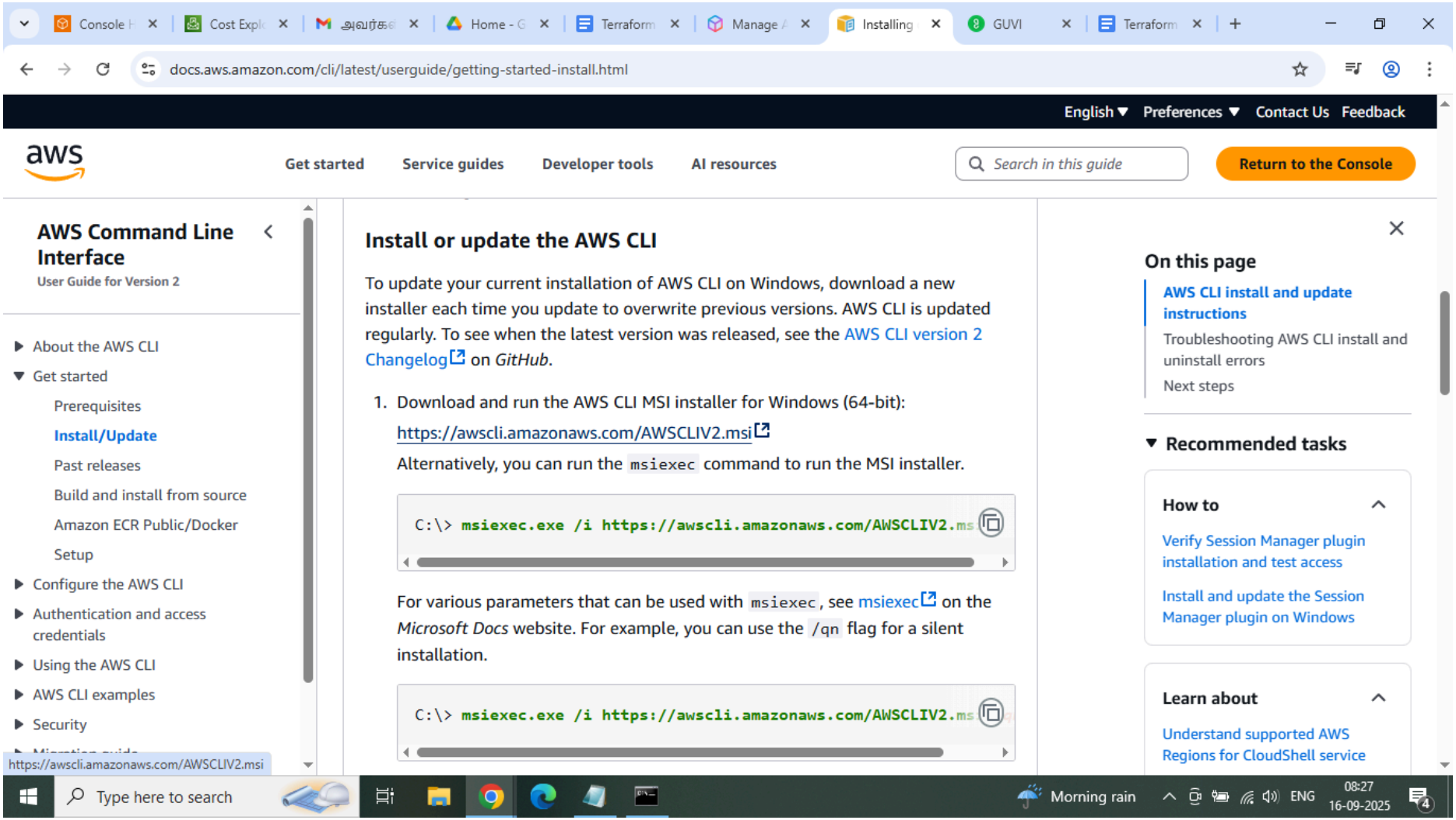
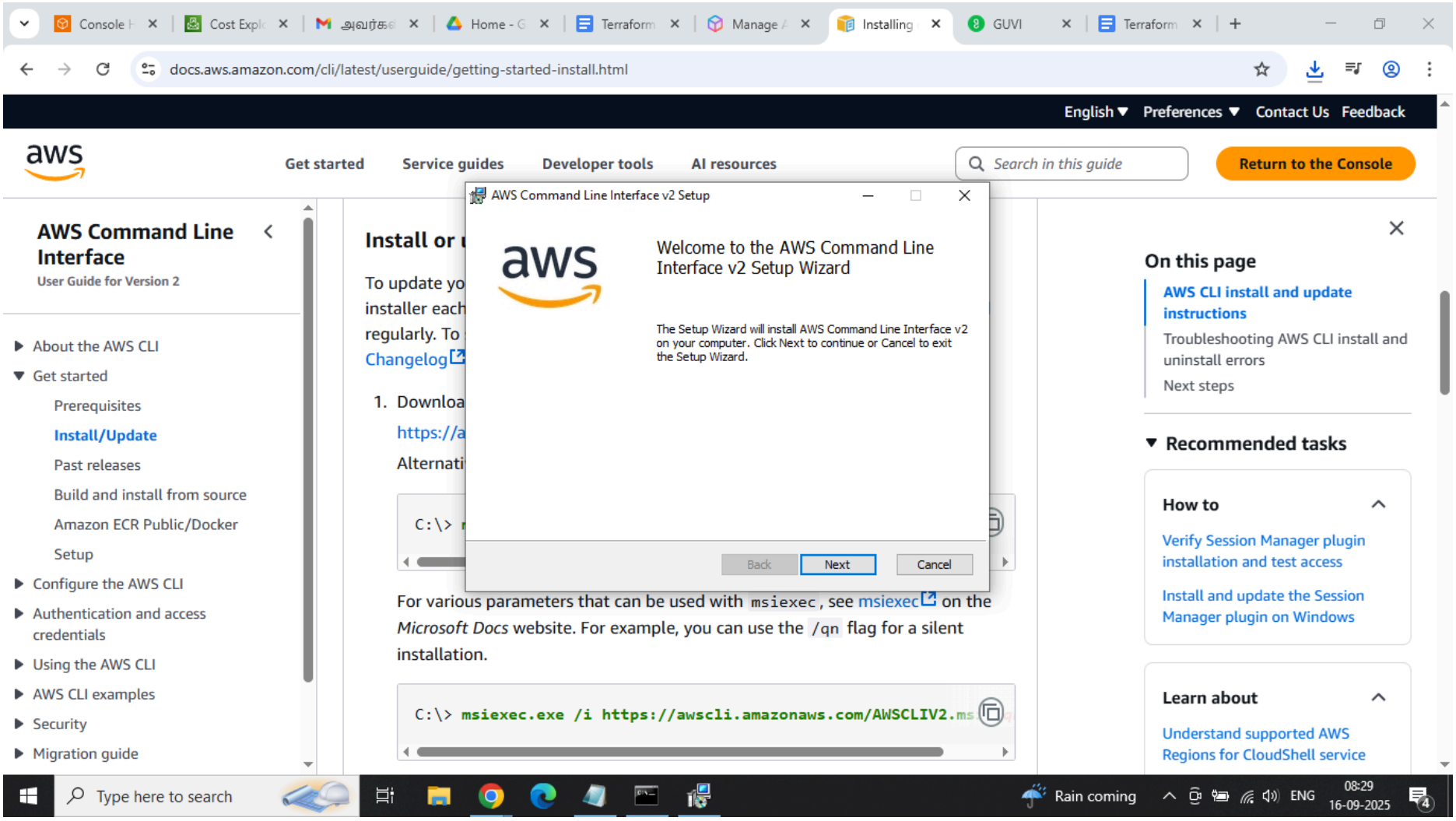
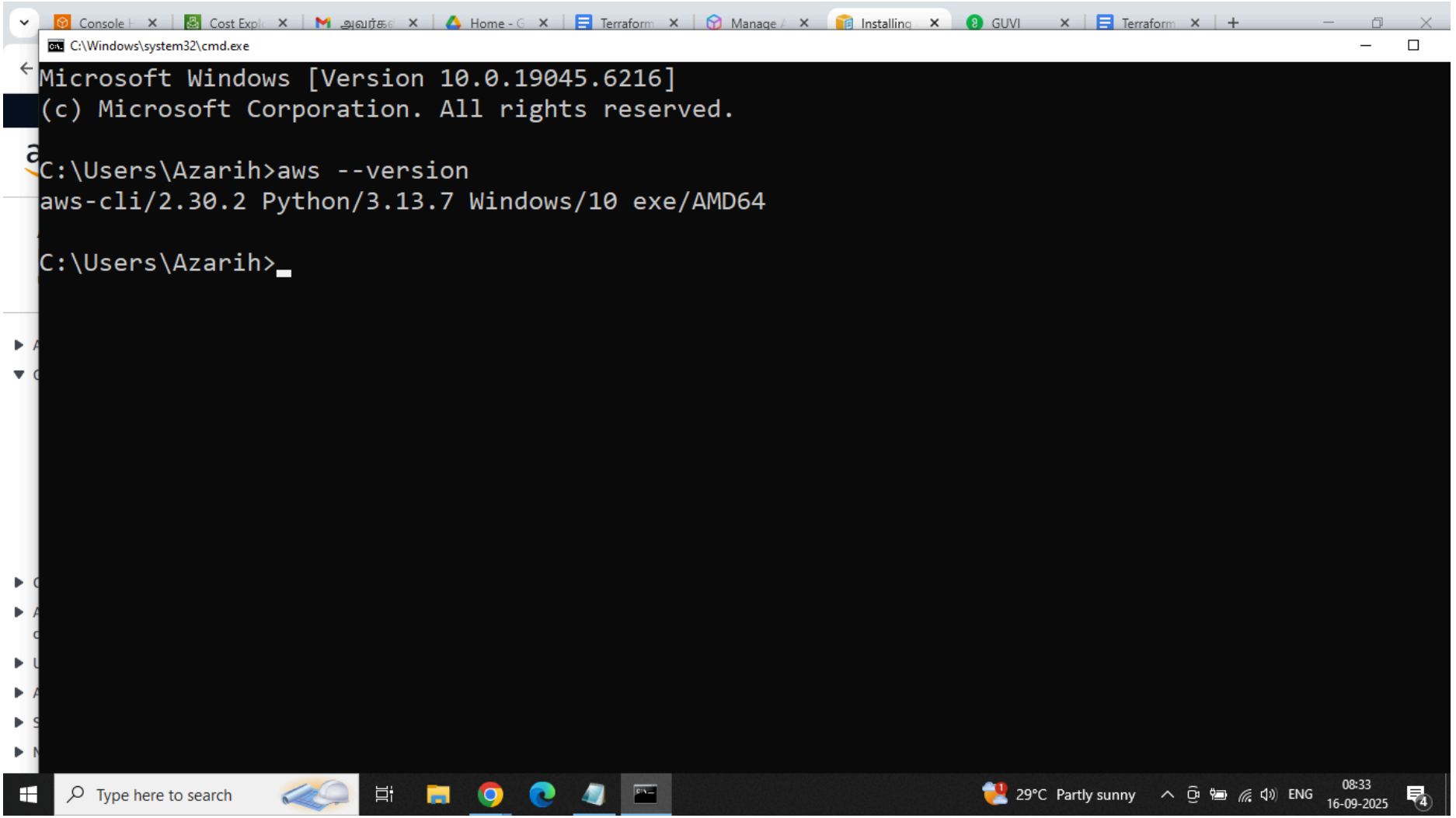
1.Setup Windows System to use Terraform - Installing AWS CLI from official website link



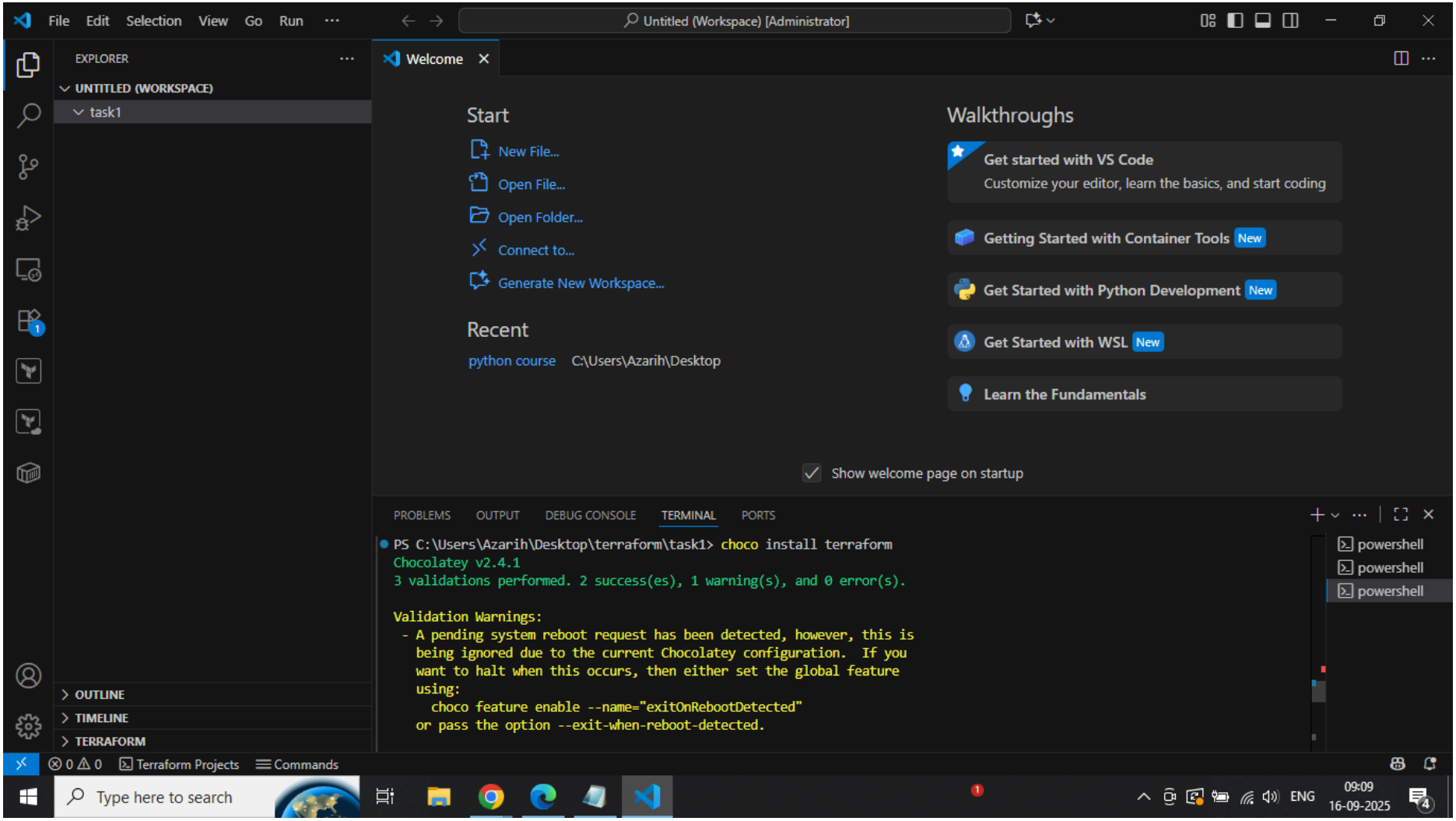

Console
Cost Expl
அவர்கள்
Home - G
Terraform
Manage
Installing
GUVI
Terraform
docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html
English
Preferences
Contact Us
Feedback
aws
Get started
Service guides
Developer tools
AI resources
Search in this guide
Return to the Console
AWS Command Line Interface
User Guide for Version 2
About the AWS CLI
Get started
Prerequisites
Install/Update
Past releases
Build and install from source
Amazon ECR Public/Docker
Setup
Configure the AWS CLI
Authentication and access credentials
Using the AWS CLI
AWS CLI examples
Security
Migration guide
Install or
To update yo
installer each
regularly. To
Changelog
1. Downloa
https://a
Alternati
C:\>
For various parameters that can be used with msiexec, see msiexec on the Microsoft Docs website. For example, you can use the /qn flag for a silent installation.
C:\> msiexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.ms
AWS Command Line Interface v2 Setup
aws
Welcome to the AWS Command Line Interface v2 Setup Wizard
The Setup Wizard will install AWS Command Line Interface v2 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.
Back
Next
Cancel
On this page
AWS CLI install and update instructions
Troubleshooting AWS CLI install and uninstall errors
Next steps
Recommended tasks
How to
Verify Session Manager plugin installation and test access
Install and update the Session Manager plugin on Windows
Learn about
Understand supported AWS Regions for CloudShell service
Type here to search
Rain coming
ENG
08:29
16-09-2025

2. AWS CLI Installed successfully

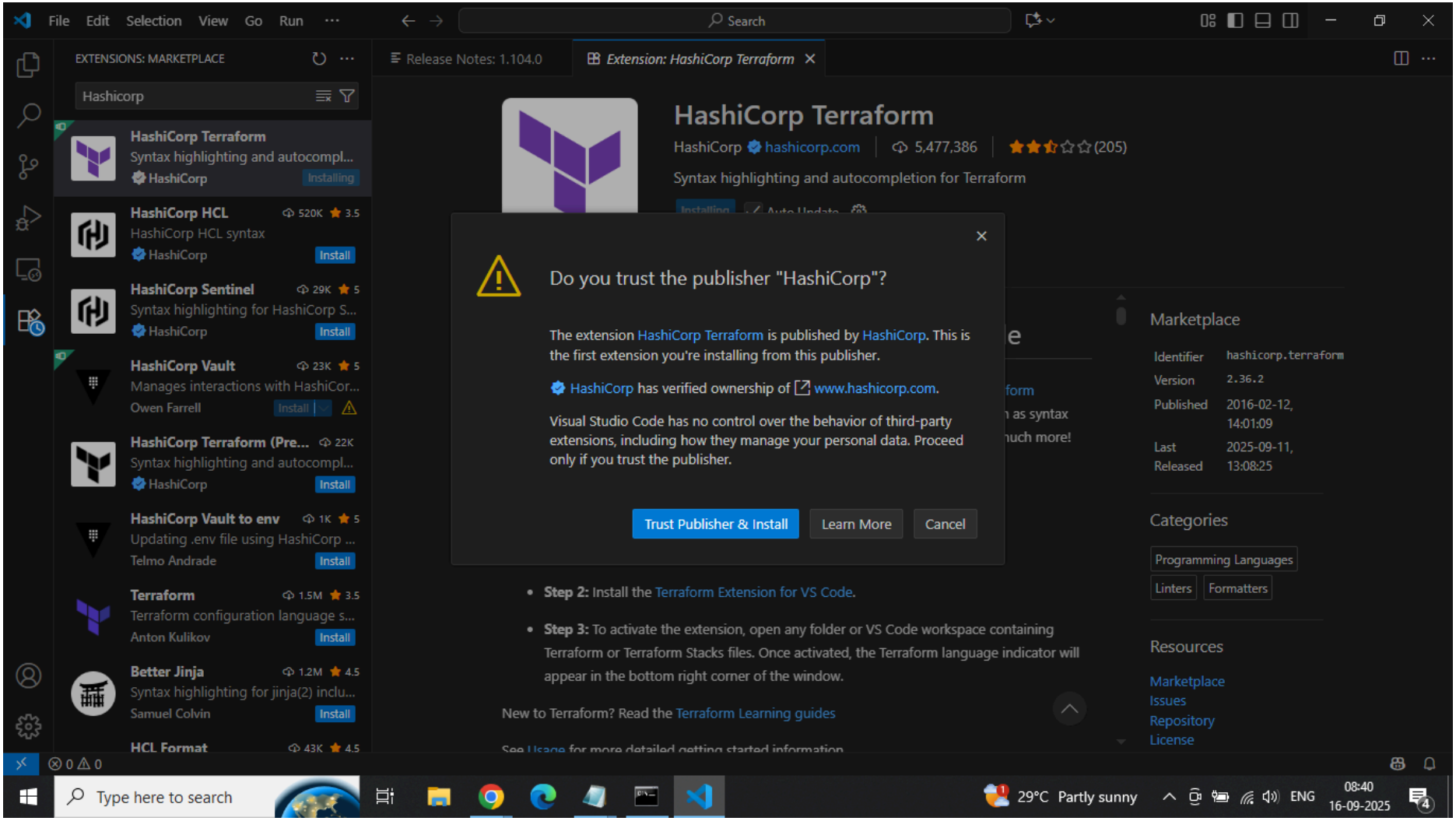


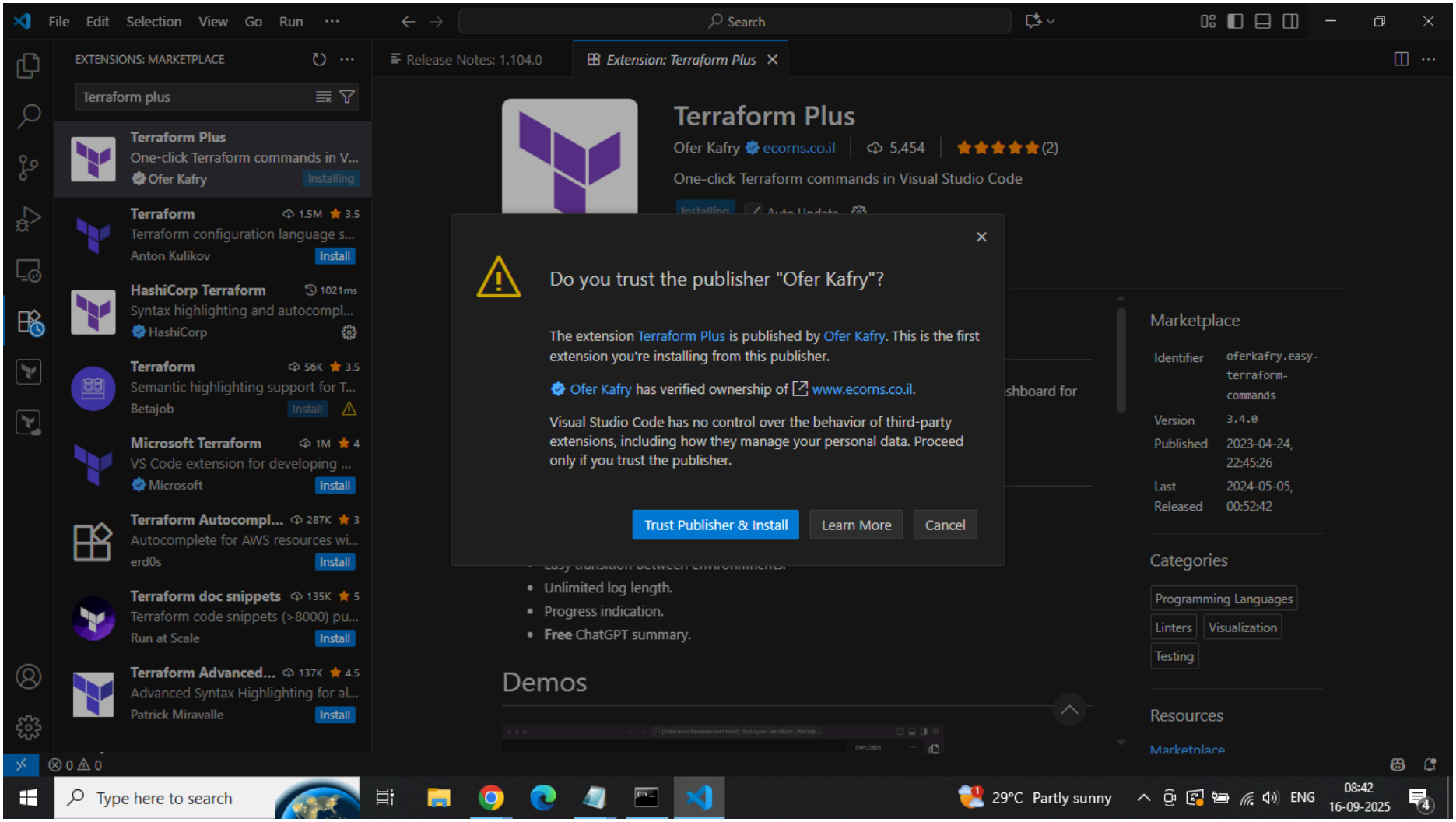
3.Install Terraform

Open Visual Studio Code and execute the command “**choco install terraform**”

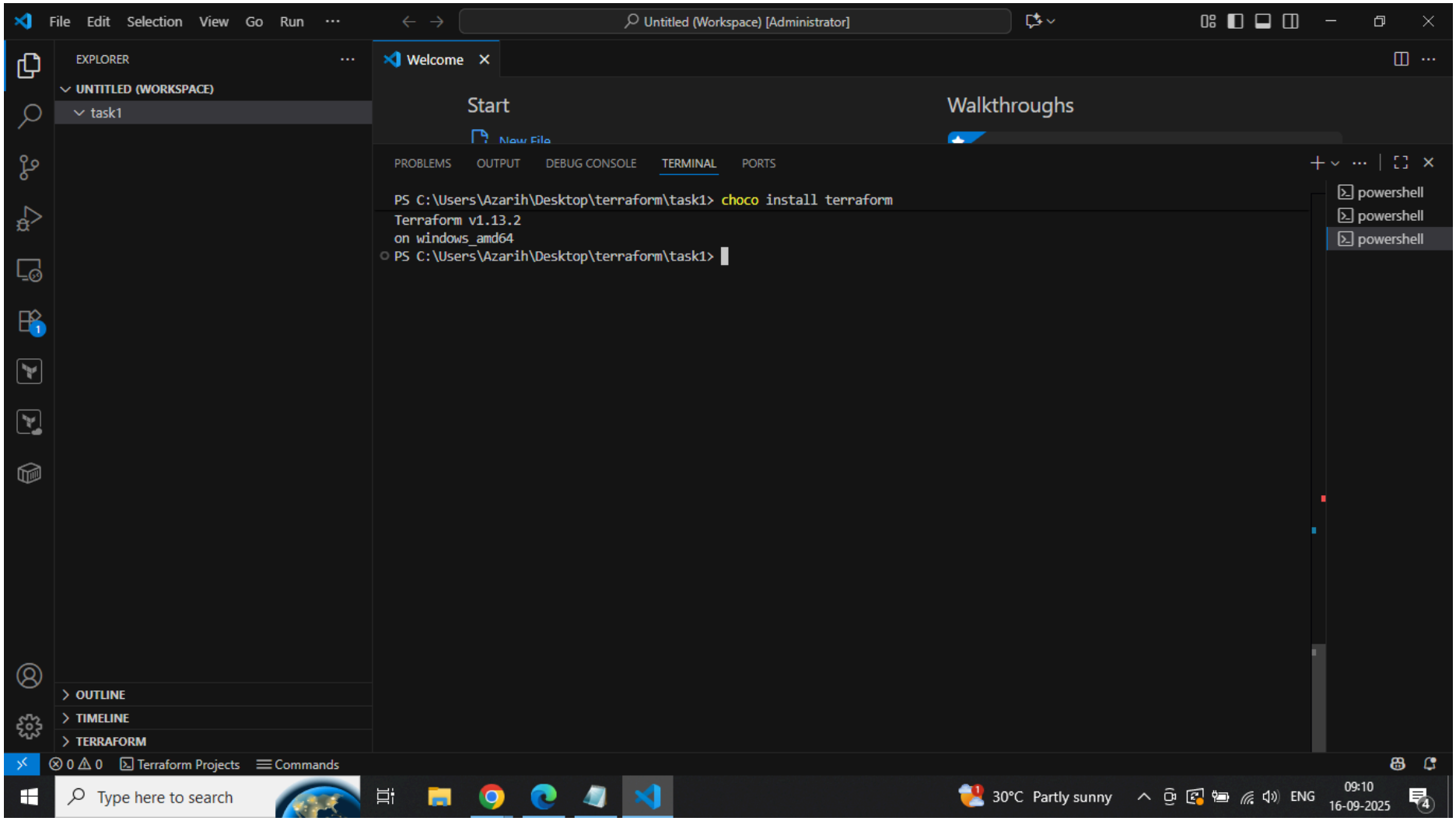


4. **Install Visual Studio Code and Necessary External Plugins**
HashiCorp Terraform, HashiCorp HCL, Terraform Plus

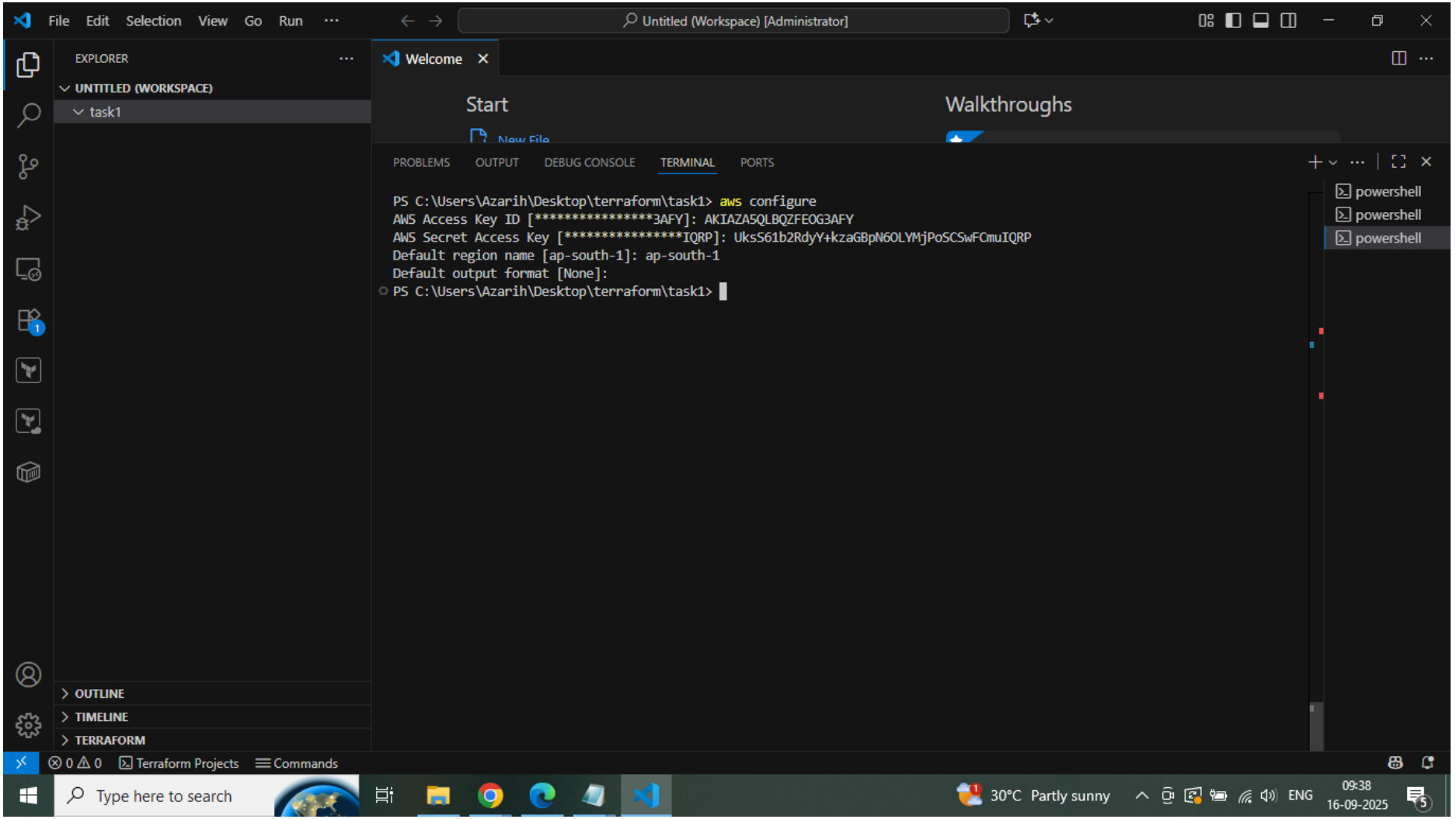



File Edit Selection View Go Run
Search
EXTENSIONS: MARKETPLACE
Terraform plus
Terraform Plus
One-click Terraform commands in V...
Ofer Kafry
Installing
Terraform
1.5M 3.5
Terraform configuration language s...
Anton Kulikov
Install
HashiCorp Terraform
1021ms
Syntax highlighting and autocompl...
HashiCorp
Terraform
56K 3.5
Semantic highlighting support for T...
Betajob
Install
Microsoft Terraform
1M 4
VS Code extension for developing ...
Microsoft
Install
Terraform Autocompl...
287K 3
Autocomplete for AWS resources wi...
erd0s
Install
Terraform doc snippets
135K 5
Terraform code snippets (>8000) pu...
Run at Scale
Install
Terraform Advanced...
137K 4.5
Advanced Syntax Highlighting for al...
Patrick Miravalle
Install
Release Notes: 1.104.0
Extension: Terraform Plus
Terraform Plus
Ofer Kafry ecorns.co.il
5,454
(2)
One-click Terraform commands in Visual Studio Code
Do you trust the publisher "Ofer Kafry"?
The extension Terraform Plus is published by Ofer Kafry. This is the first extension you're installing from this publisher.
Ofer Kafry has verified ownership of www.ecorns.co.il.
Visual Studio Code has no control over the behavior of third-party extensions, including how they manage your personal data. Proceed only if you trust the publisher.
Trust Publisher & Install
Learn More
Cancel
Unlimited log length.
Progress indication.
Free ChatGPT summary.
Demos
Marketplace
Identifier oferkafry.easy-terraform-commands
Version 3.4.0
Published 2023-04-24, 22:45:26
Last Released 2024-05-05, 00:52:42
Categories
Programming Languages
Linters
Visualization
Testing
Resources
Marketplace
Type here to search
29°C Partly sunny
ENG
08:42
16-09-2025

5. Terraform installed successfully



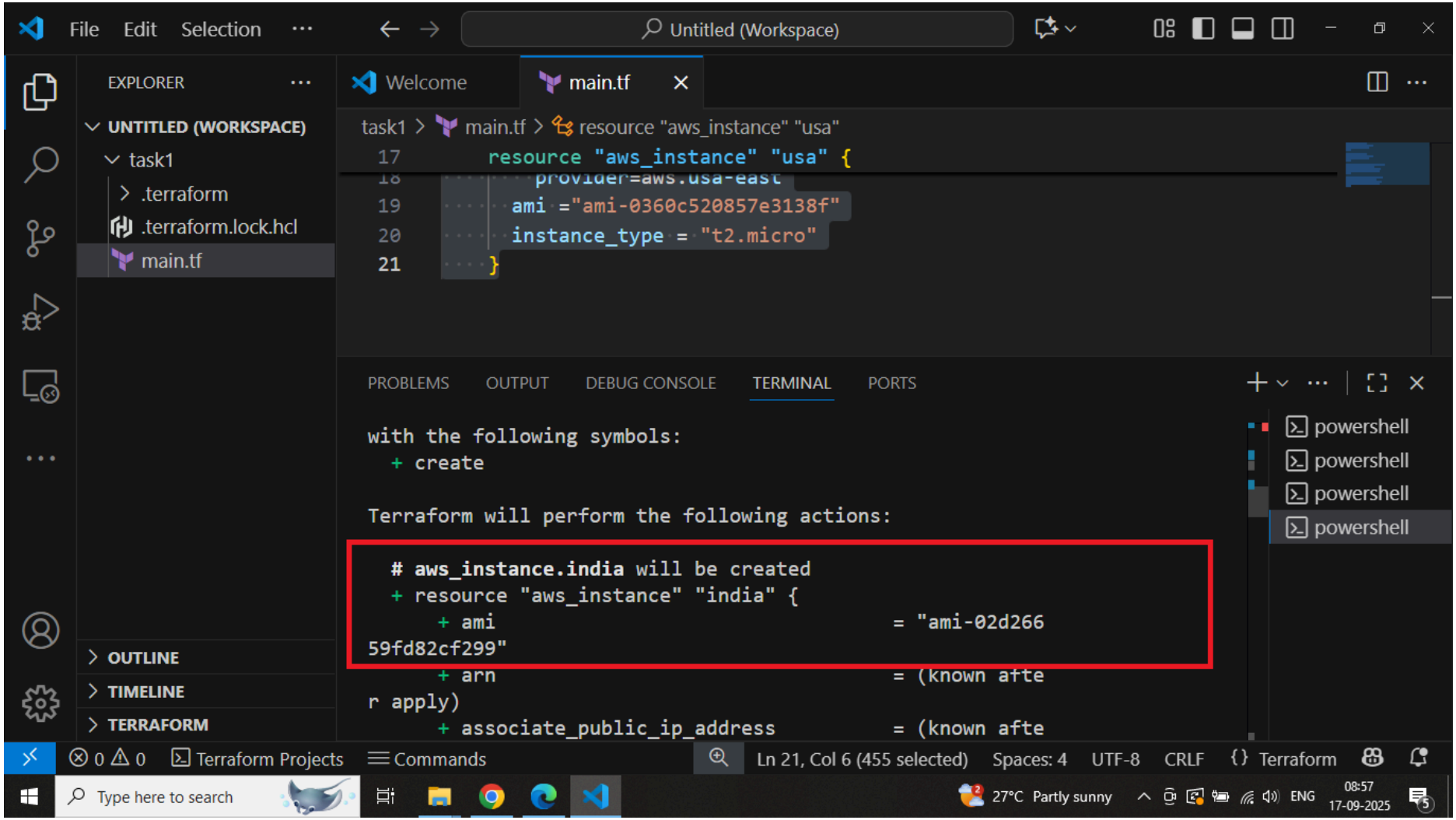
6.AWS Configure in Visual Studio Code

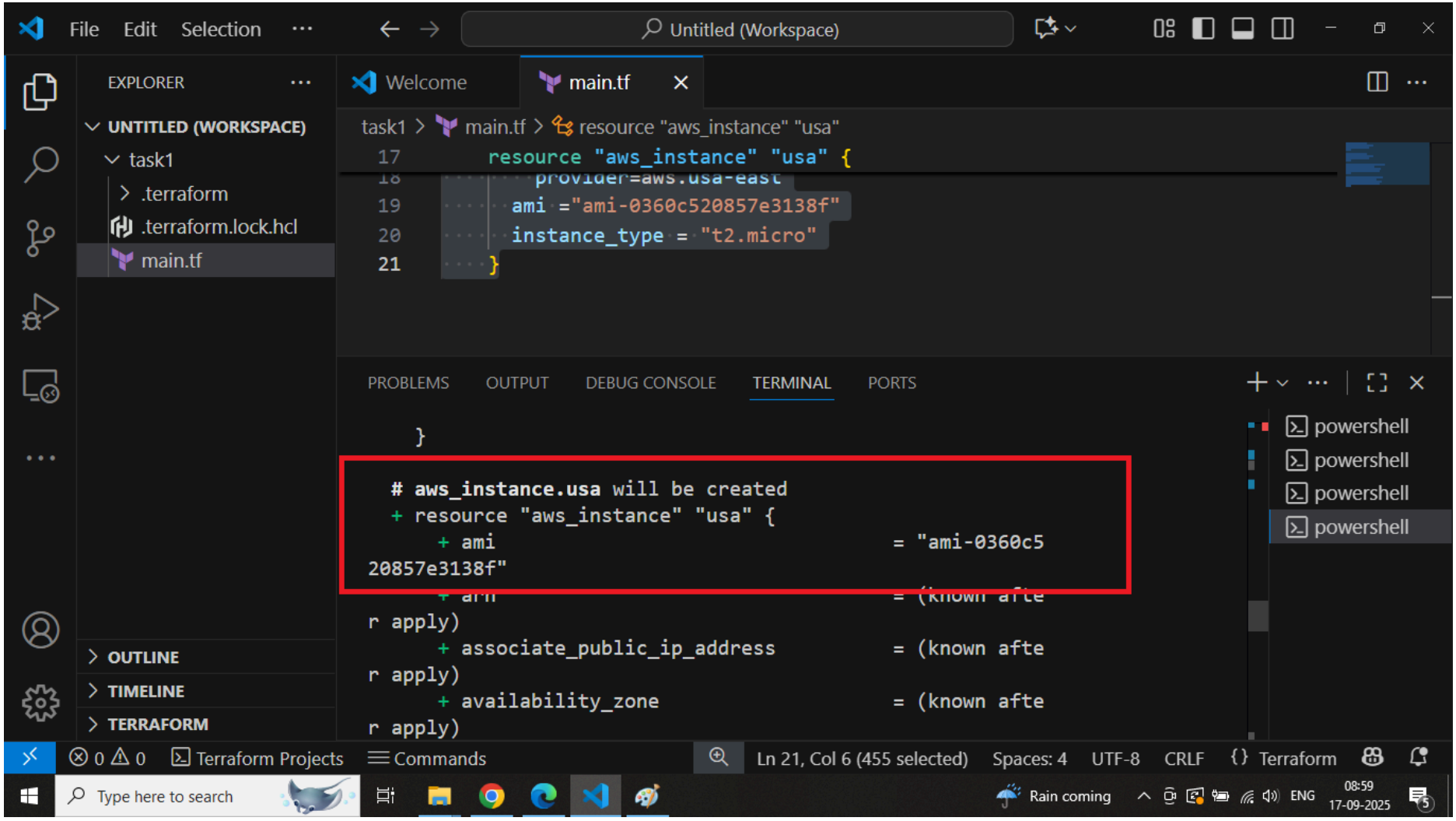


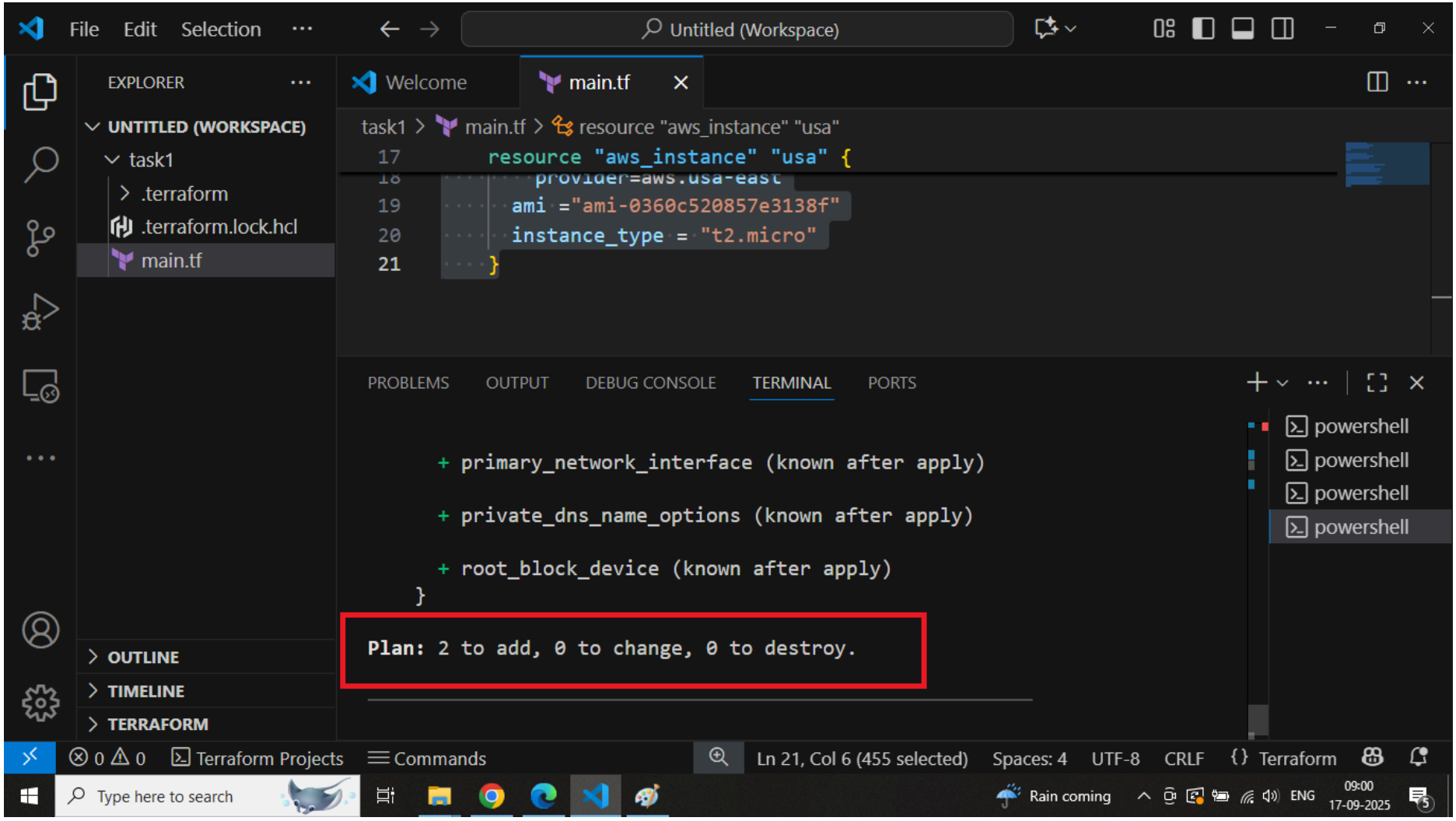
7.Terraform Code to launch instances in 2 different regions

```
        provider "aws" {
  region ="ap-south-1"
  alias = "indian"
}

provider "aws" {
  region = "us-east-1"
  alias="usa-east"
}

resource "aws_instance" "india" {
    provider=aws.indian
  ami="ami-02d26659fd82cf299"
  instance_type = "t2.micro"
}

resource "aws_instance" "usa" {
    provider=aws.usa-east
  ami ="ami-0360c520857e3138f"
  instance_type = "t2.micro"
}
```

8.After applying the command terraform init and terraform plan




File Edit Selection
Untitled (Workspace)
EXPLORER
UNTITLED (WORKSPACE)
task1
.terraform
.terraform.lock.hcl
main.tf
Welcome
main.tf
task1 > main.tf > resource "aws_instance" "usa"
17 resource "aws_instance" "usa" {
19 ami ="ami-0360c520857e3138f"
20 instance_type = "t2.micro"
21 }
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
}
# aws_instance.usa will be created
+ resource "aws_instance" "usa" {
+ ami = "ami-0360c5
20857e3138f"
r apply)
+ associate_public_ip_address = (known afte
r apply)
+ availability_zone = (known afte
r apply)
powershell
powershell
powershell
powershell
OUTLINE
TIMELINE
TERRAFORM
Terraform Projects
Commands
Ln 21, Col 6 (455 selected)
Spaces: 4
UTF-8
CRLF
Terraform
Type here to search
Rain coming
ENG
08:59
17-09-2025


File Edit Selection
Untitled (Workspace)
EXPLORER
UNTITLED (WORKSPACE)
task1
.terraform
.terraform.lock.hcl
main.tf
Welcome
main.tf
task1 > main.tf > resource "aws_instance" "usa"
17 resource "aws_instance" "usa" {
18 provider=aws.usa-east
19 ami ="ami-0360c520857e3138f"
20 instance_type = "t2.micro"
21 }
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
+ primary_network_interface (known after apply)
+ private_dns_name_options (known after apply)
+ root_block_device (known after apply)
}
Plan: 2 to add, 0 to change, 0 to destroy.
powershell
powershell
powershell
powershell
OUTLINE
TIMELINE
TERRAFORM
Terraform Projects
Commands
Ln 21, Col 6 (455 selected)
Spaces: 4
UTF-8
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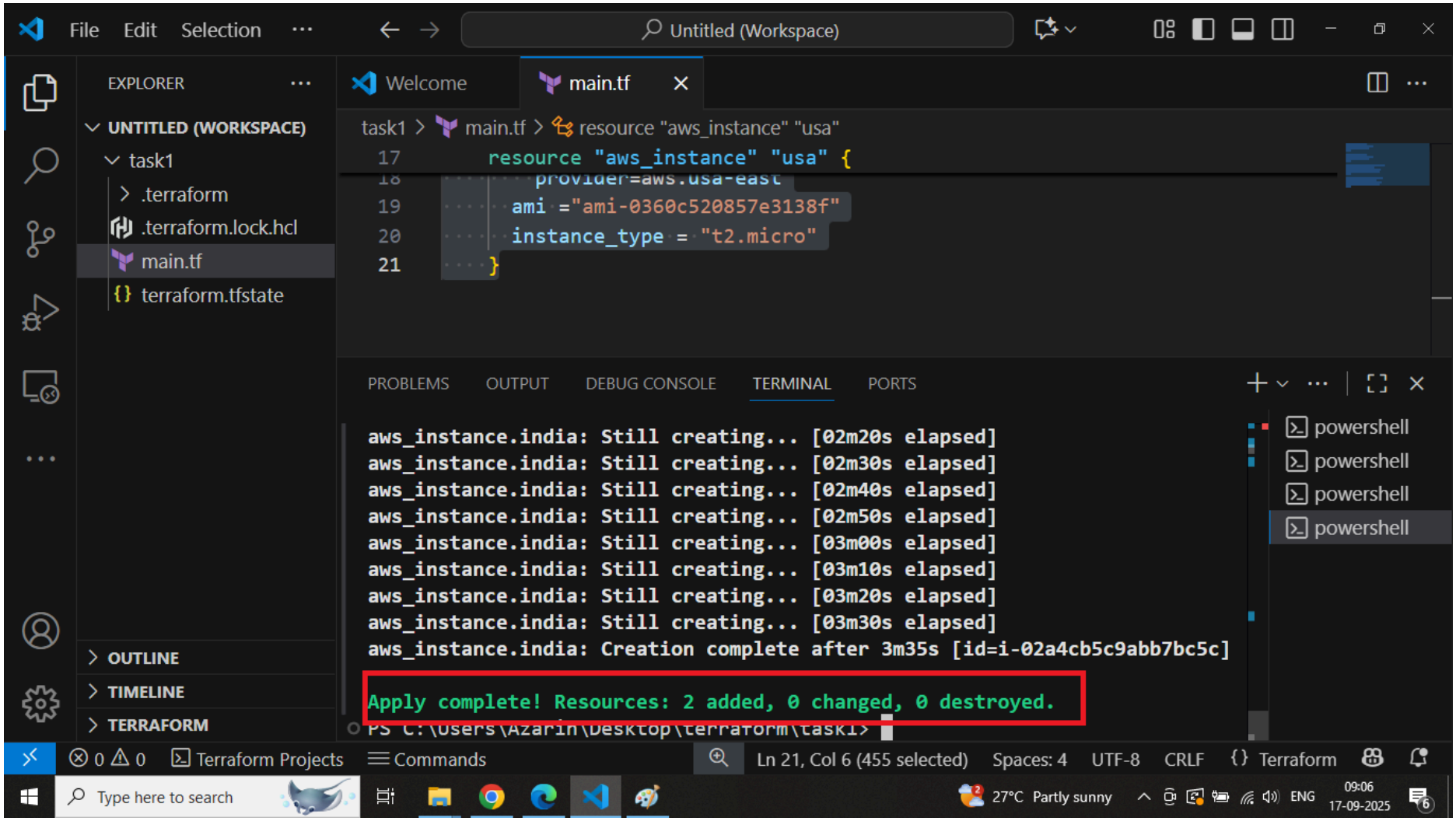
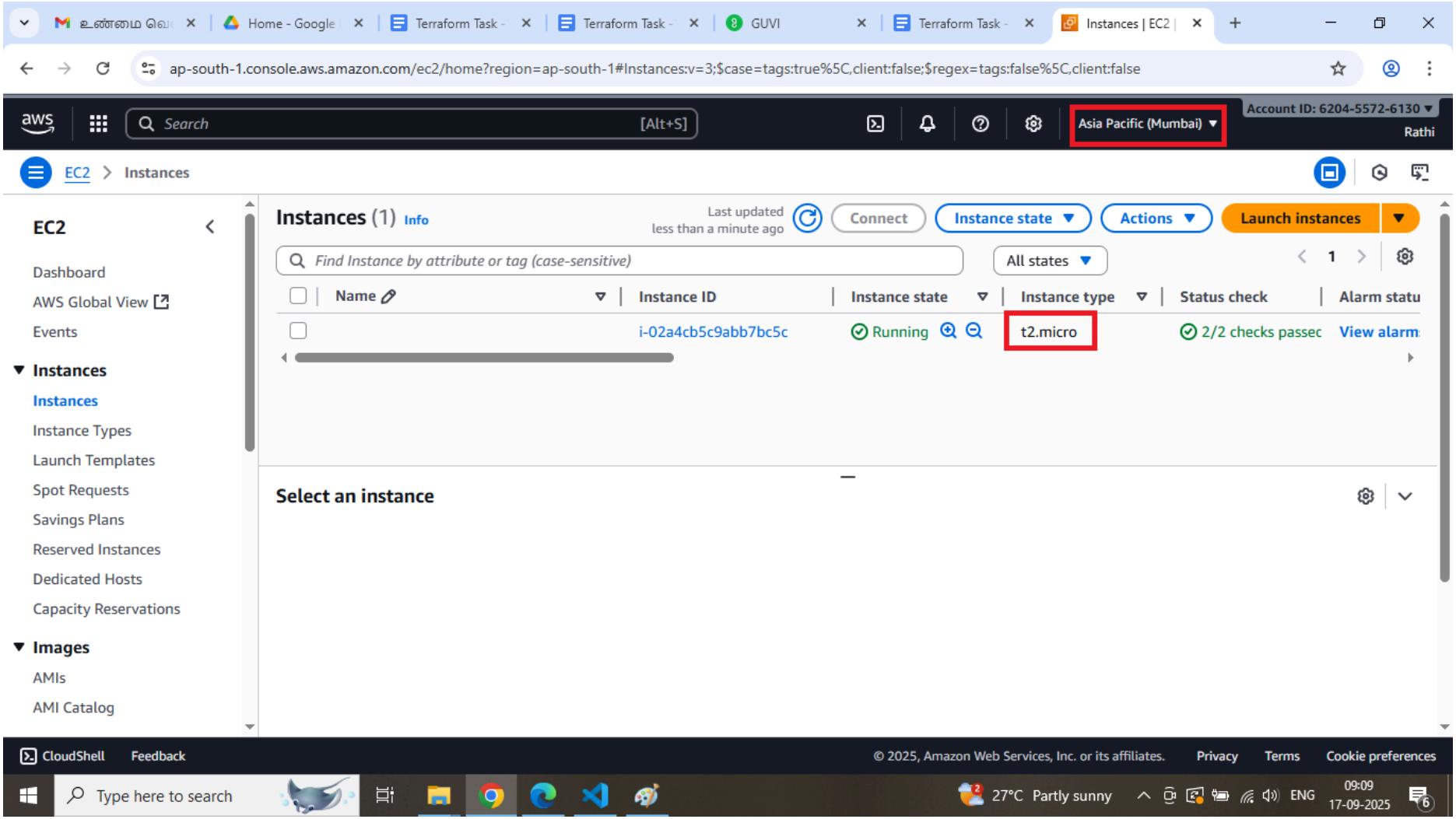
Terraform
Type here to search
Rain coming
ENG
09:00
17-09-2025

9. After Terraform Apply



10.AWS Instance Running Output - India Region



11.AWS Instance Running Output - USA East Region