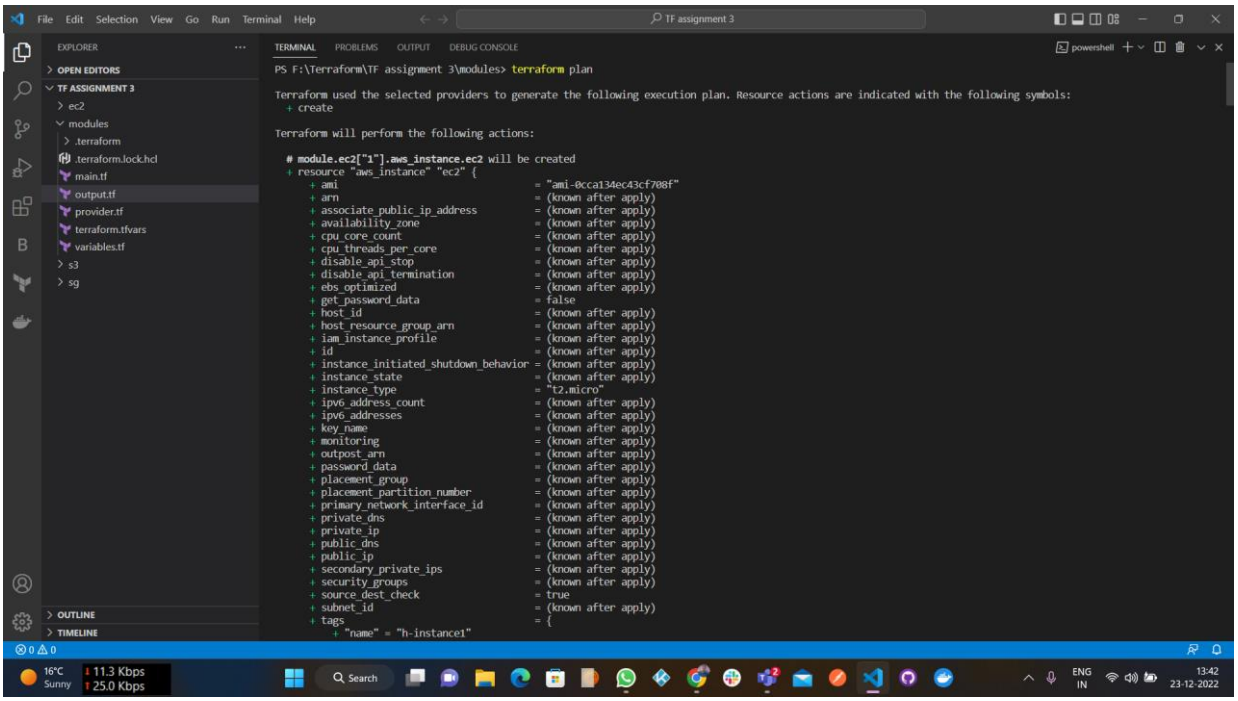
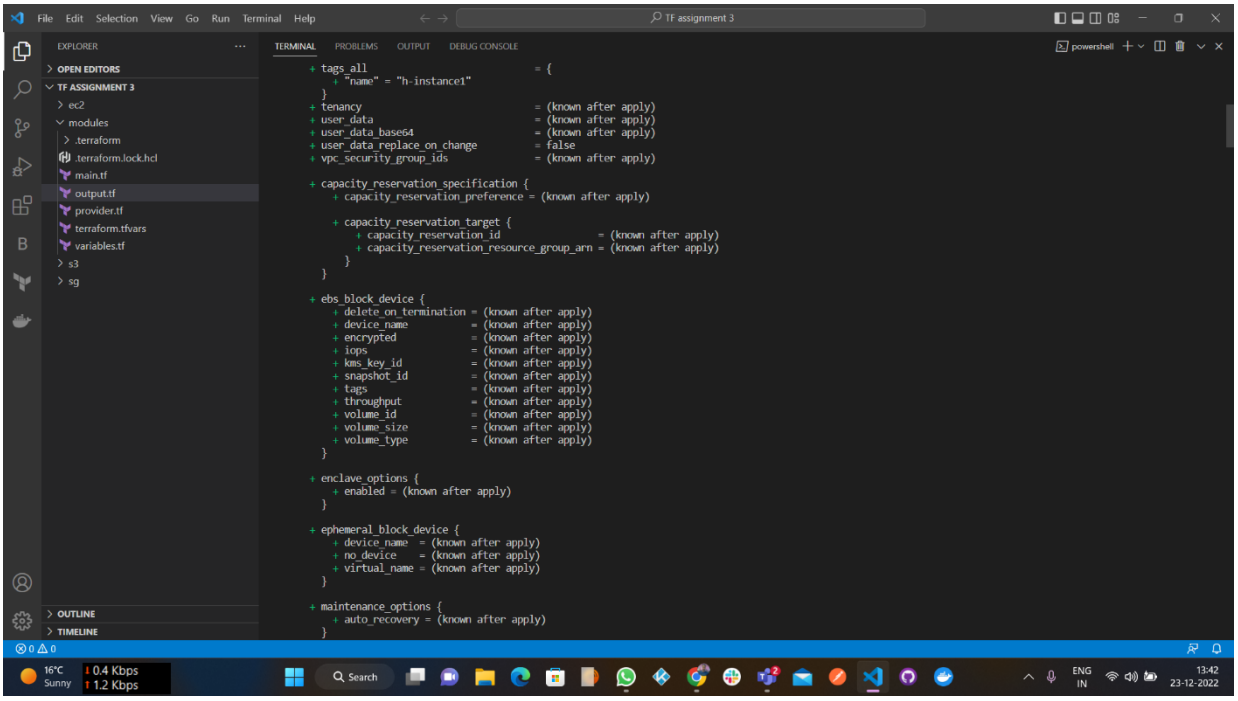
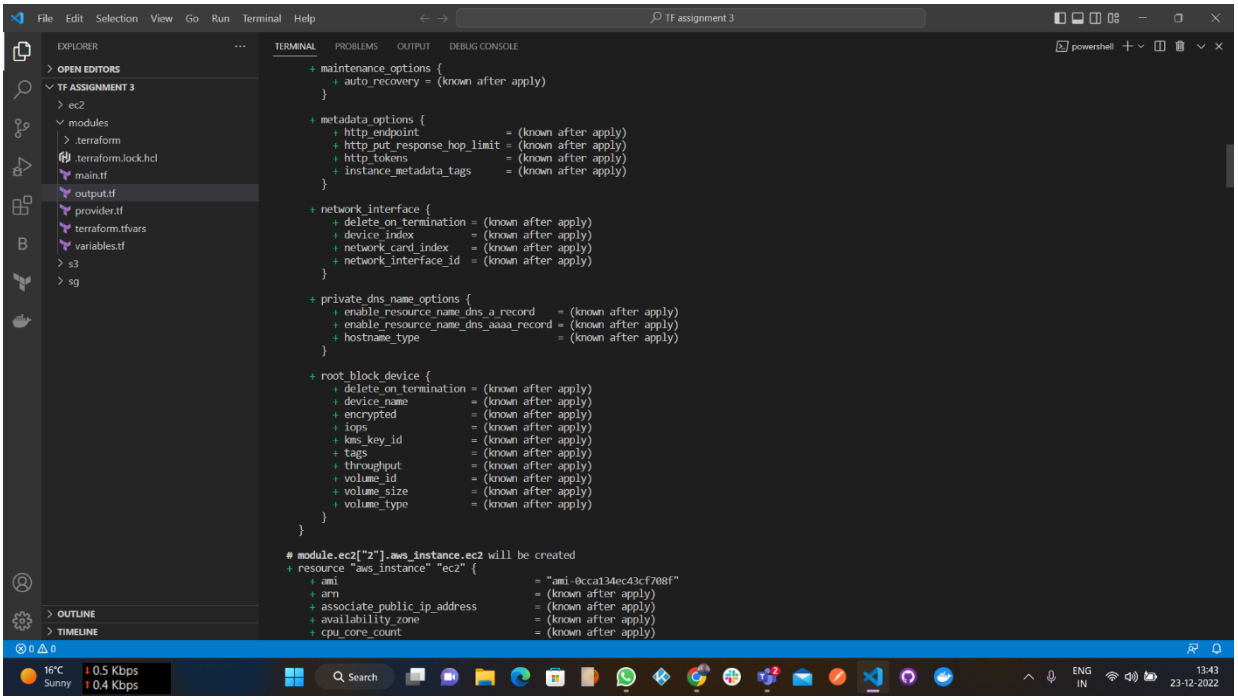
Terraform-3

Terraform plan

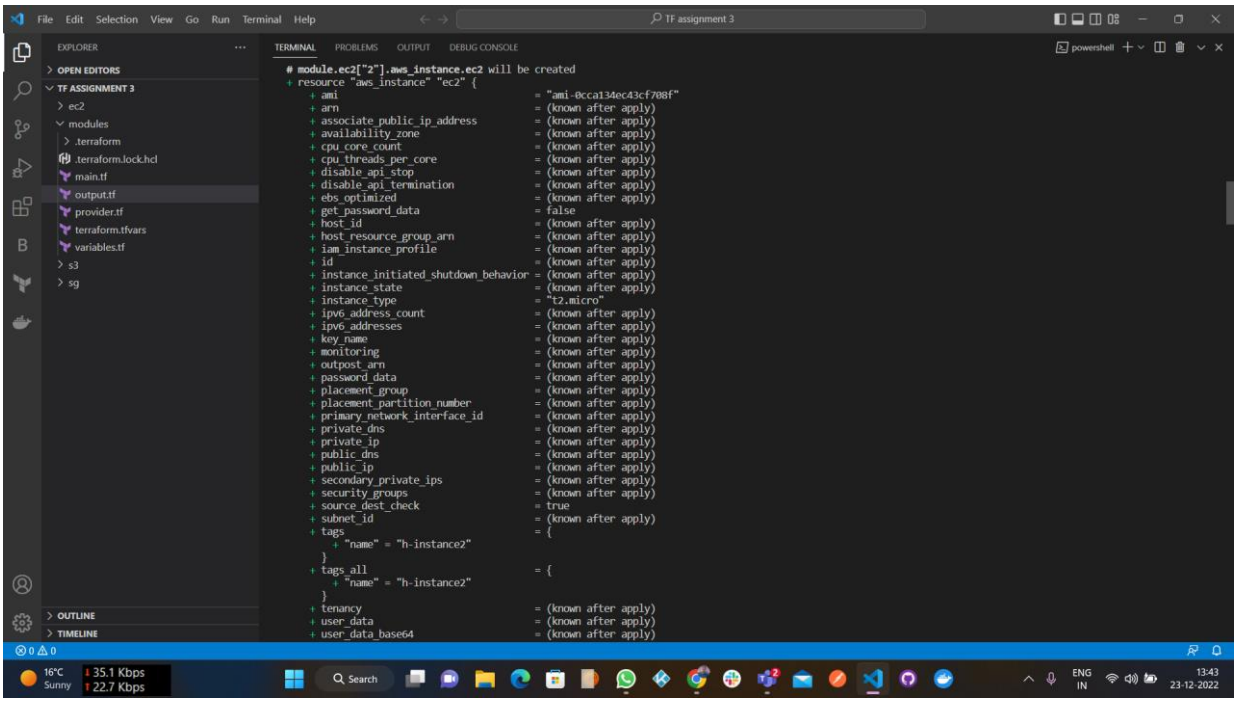
EC2 Instance 1:

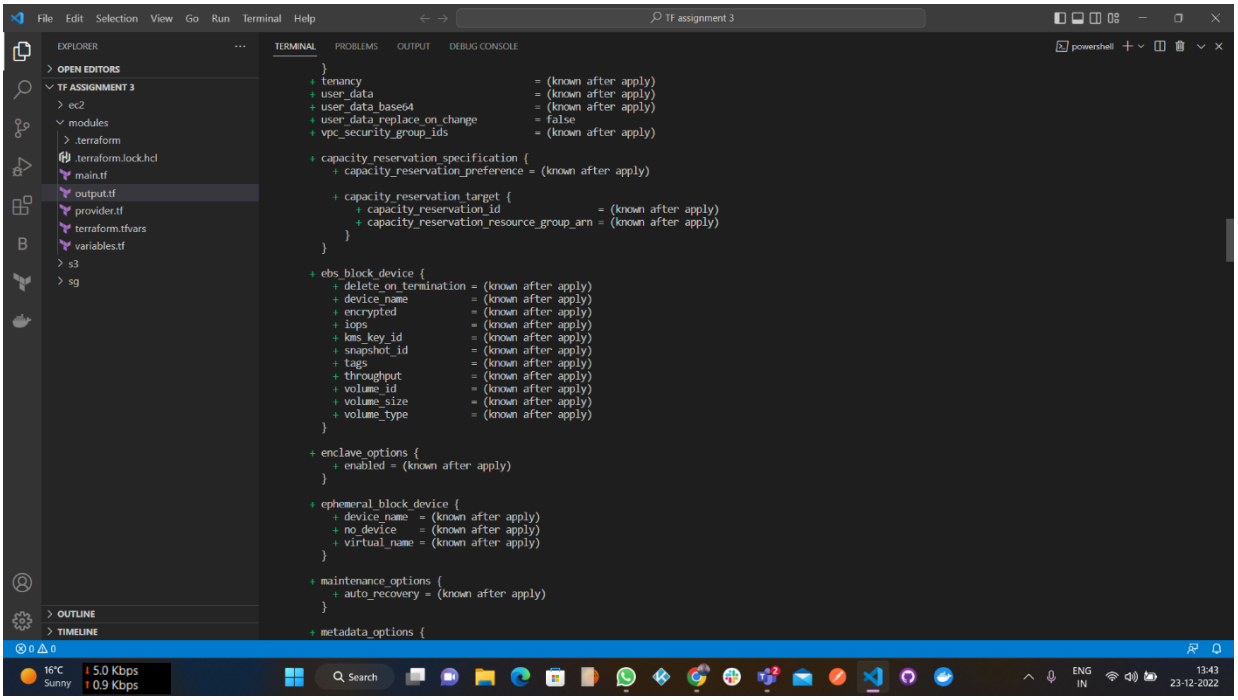


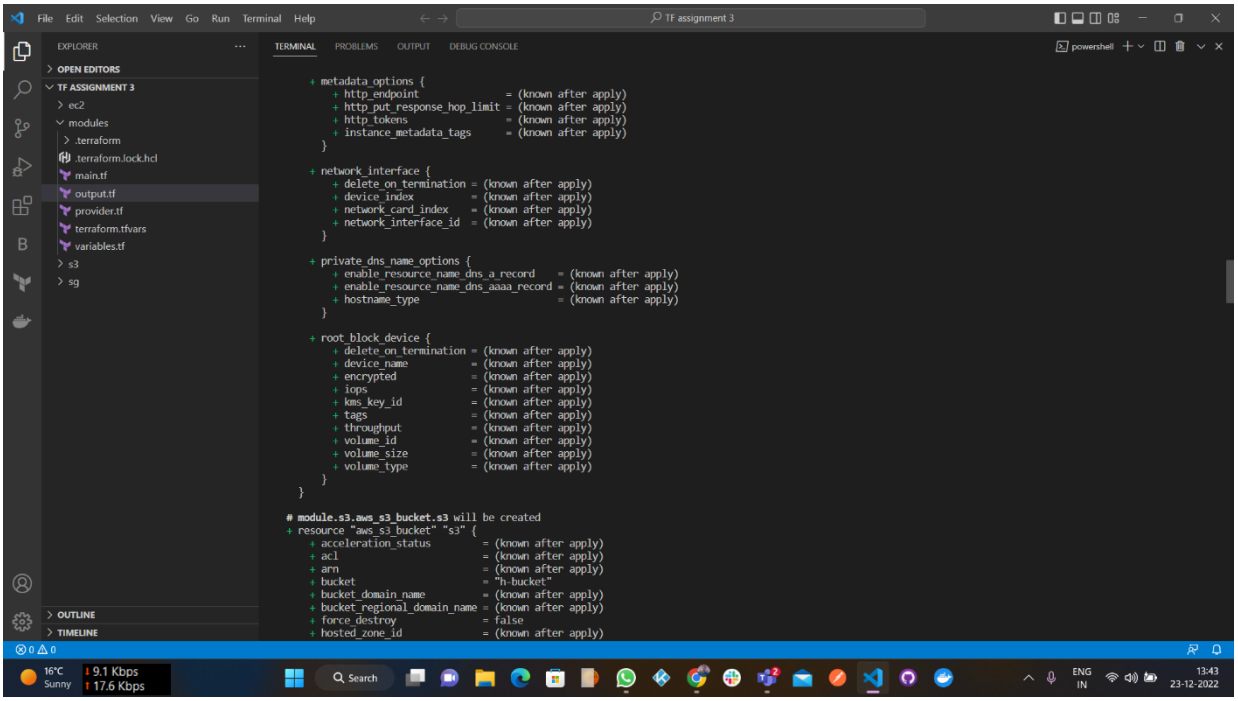




EC2 Instance 2:




File Edit Selection View Go Run Terminal Help
TF assignment 3
EXPLORER
OPEN EDITORS
TF ASSIGNMENT 3
ec2
modules
.terraform
.terraform.lock.hcl
main.tf
output.tf
provider.tf
terraform.tfvars
variables.tf
s3
sg
OUTLINE
TIMELINE
TERMINAL
PROBLEMS
OUTPUT
DEBUG CONSOLE
powershell
+ tenancy = (known after apply)
+ user_data = (known after apply)
+ user_data_base64 = (known after apply)
+ user_data_replace_on_change = false
+ vpc_security_group_ids = (known after apply)
+ capacity_reservation_specification {
+ capacity_reservation_preference = (known after apply)
+ capacity_reservation_target {
+ capacity_reservation_id = (known after apply)
+ capacity_reservation_resource_group_arn = (known after apply)
}
}
+ ebs_block_device {
+ delete_on_termination = (known after apply)
+ device_name = (known after apply)
+ encrypted = (known after apply)
+ iops = (known after apply)
+ kms_key_id = (known after apply)
+ snapshot_id = (known after apply)
+ tags = (known after apply)
+ throughput = (known after apply)
+ volume_id = (known after apply)
+ volume_size = (known after apply)
+ volume_type = (known after apply)
}
+ enclave_options {
+ enabled = (known after apply)
}
+ ephemeral_block_device {
+ device_name = (known after apply)
+ no_device = (known after apply)
+ virtual_name = (known after apply)
}
+ maintenance_options {
+ auto_recovery = (known after apply)
}
+ metadata_options {
16°C Sunny
5.0 Kbps
0.9 Kbps
Search
ENG IN
13:43
23-12-2022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TF assignment 3
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ec2
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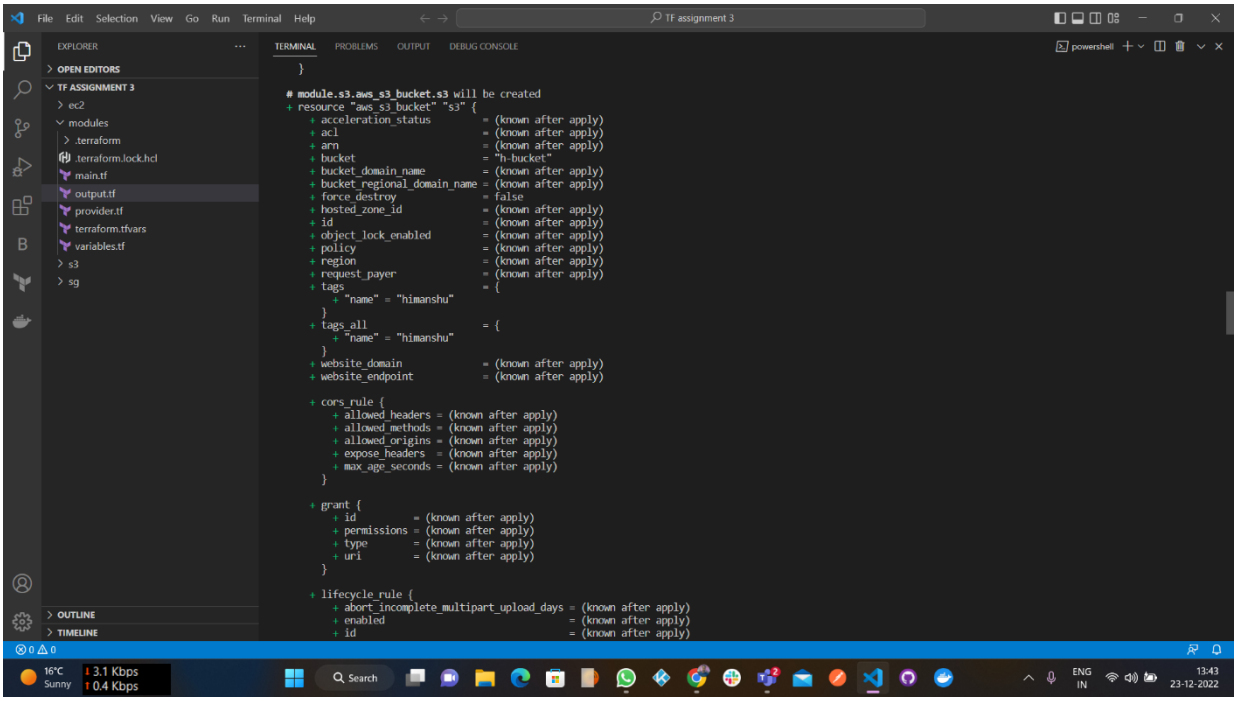
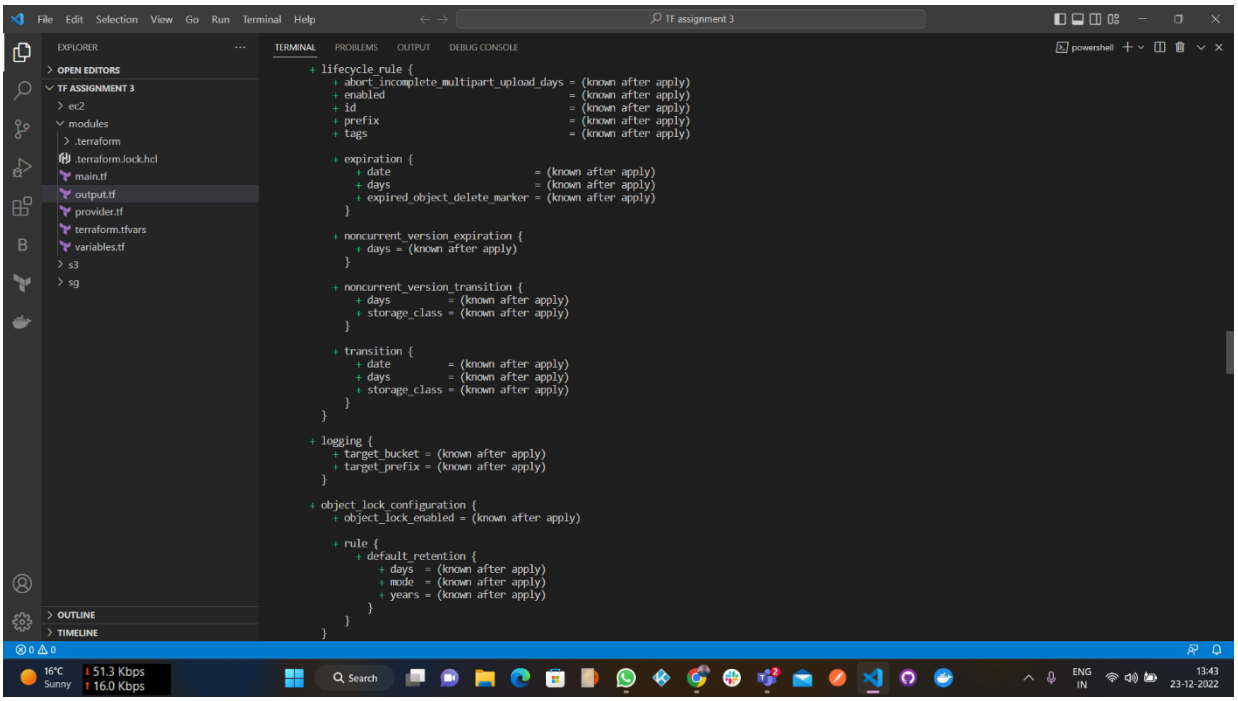
variables.tf
s3
sg
OUTLINE
TIMELINE
TERMINAL
PROBLEMS
OUTPUT
DEBUG CONSOLE
powershell
+ metadata_options {
+ http_endpoint = (known after apply)
+ http_put_response_hop_limit = (known after apply)
+ http_tokens = (known after apply)
+ instance_metadata_tags = (known after apply)
}
+ network_interface {
+ delete_on_termination = (known after apply)
+ device_index = (known after apply)
+ network_card_index = (known after apply)
+ network_interface_id = (known after apply)
}
+ private_dns_name_options {
+ enable_resource_name_dns_a_record = (known after apply)
+ enable_resource_name_dns_aaaa_record = (known after apply)
+ hostname_type = (known after apply)
}
+ root_block_device {
+ delete_on_termination = (known after apply)
+ device_name = (known after apply)
+ encrypted = (known after apply)
+ iops = (known after apply)
+ kms_key_id = (known after apply)
+ tags = (known after apply)
+ throughput = (known after apply)
+ volume_id = (known after apply)
+ volume_size = (known after apply)
+ volume_type = (known after apply)
}
}
# module.s3.aws_s3_bucket.s3 will be created
+ resource "aws_s3_bucket" "s3" {
+ acceleration_status = (known after apply)
+ acl = (known after apply)
+ arn = (known after apply)
+ bucket = "h-bucket"
+ bucket_domain_name = (known after apply)
+ bucket_regional_domain_name = (known after apply)
+ force_destroy = false
+ hosted_zone_id = (known after apply)
16°C Sunny
9.1 Kbps
17.6 Kbps
Search
ENG IN
13:43
23-12-2022

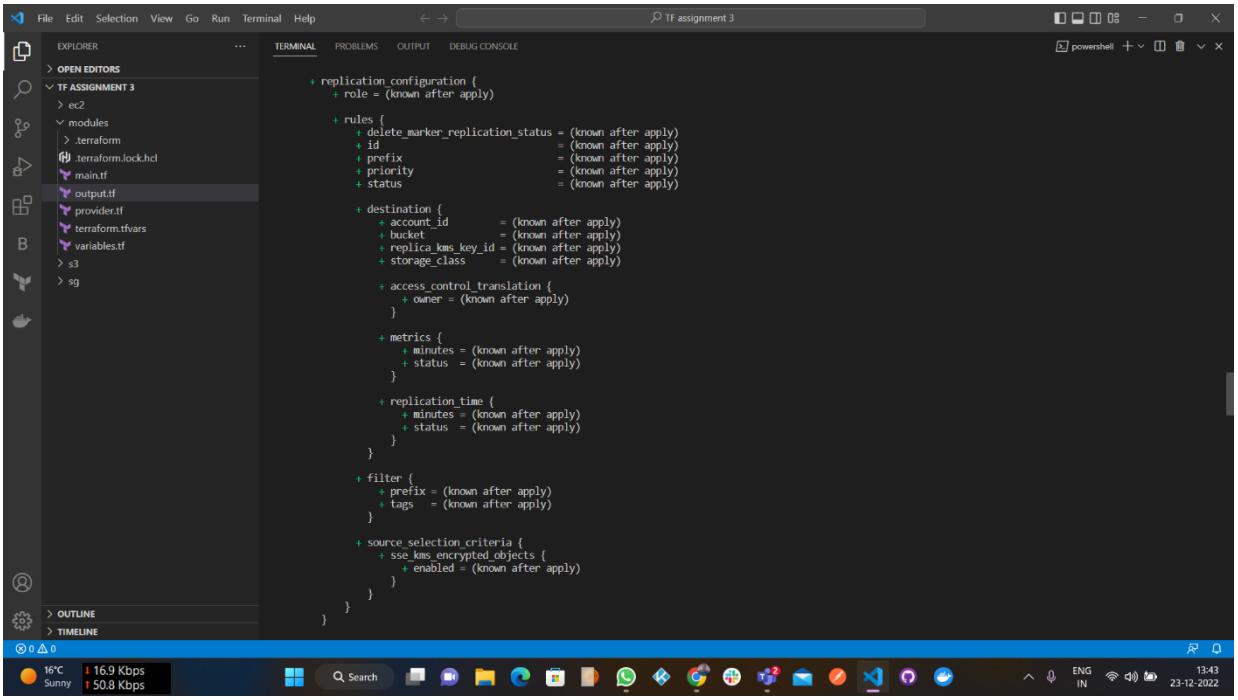
S3 Bucket:



```
  }

  # module.s3.aws_s3_bucket.s3 will be created
  + resource "aws_s3_bucket" "s3" {
      + acceleration_status         = (known after apply)
      + acl                         = (known after apply)
      + arn                         = (known after apply)
      + bucket                      = "h-bucket"
      + bucket_domain_name          = (known after apply)
      + bucket_regional_domain_name = (known after apply)
      + force_destroy               = false
      + hosted_zone_id              = (known after apply)
      + id                          = (known after apply)
      + object_lock_enabled         = (known after apply)
      + policy                      = (known after apply)
      + region                      = (known after apply)
      + request_payer               = (known after apply)
      + tags                        = {
          + "name" = "himanshu"
        }
      + tags_all                    = {
          + "name" = "himanshu"
        }
      + website_domain              = (known after apply)
      + website_endpoint            = (known after apply)

      + cors_rule {
          + allowed_headers = (known after apply)
          + allowed_methods = (known after apply)
          + allowed_origins = (known after apply)
          + expose_headers  = (known after apply)
          + max_age_seconds = (known after apply)
        }

      + grant {
          + id          = (known after apply)
          + permissions = (known after apply)
          + type        = (known after apply)
          + uri         = (known after apply)
        }

      + lifecycle_rule {
          + abort_incomplete_multipart_upload_days = (known after apply)
          + enabled                                = (known after apply)
          + id                                     = (known after apply)
```



```
      + lifecycle_rule {
          + abort_incomplete_multipart_upload_days = (known after apply)
          + enabled                                = (known after apply)
          + id                                     = (known after apply)
          + prefix                                 = (known after apply)
          + tags                                   = (known after apply)

          + expiration {
              + date                         = (known after apply)
              + days                         = (known after apply)
              + expired_object_delete_marker = (known after apply)
            }

          + noncurrent_version_expiration {
              + days = (known after apply)
            }

          + noncurrent_version_transition {
              + days          = (known after apply)
              + storage_class = (known after apply)
            }

          + transition {
              + date          = (known after apply)
              + days          = (known after apply)
              + storage_class = (known after apply)
            }
        }

      + logging {
          + target_bucket = (known after apply)
          + target_prefix = (known after apply)
        }

      + object_lock_configuration {
          + object_lock_enabled = (known after apply)

          + rule {
              + default_retention {
                  + days  = (known after apply)
                  + mode  = (known after apply)
                  + years = (known after apply)
                }
            }
        }
```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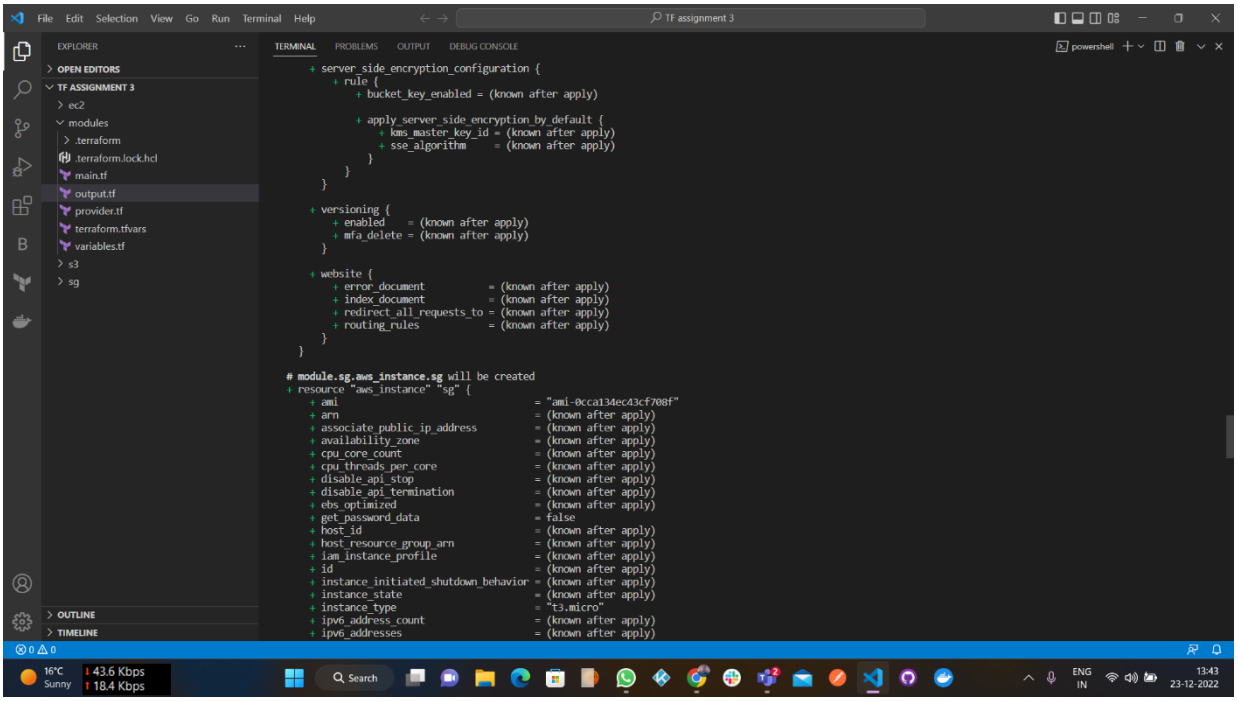
output.tf
provider.tf
terraform.tfvars
variables.tf
s3
sg
OUTLINE
TIMELINE
TERMINAL
PROBLEMS
OUTPUT
DEBUG CONSOLE
powershell
+ replication_configuration {
+ role = (known after apply)
+ rules {
+ delete_marker_replication_status = (known after apply)
+ id = (known after apply)
+ prefix = (known after apply)
+ priority = (known after apply)
+ status = (known after apply)
+ destination {
+ account_id = (known after apply)
+ bucket = (known after apply)
+ replica_kms_key_id = (known after apply)
+ storage_class = (known after apply)
+ access_control_translation {
+ owner = (known after apply)
}
+ metrics {
+ minutes = (known after apply)
+ status = (known after apply)
}
+ replication_time {
+ minutes = (known after apply)
+ status = (known after apply)
}
}
+ filter {
+ prefix = (known after apply)
+ tags = (known after apply)
}
+ source_selection_criteria {
+ sse_kms_encrypted_objects {
+ enabled = (known after apply)
}
}
}
}
16°C Sunny
16.9 Kbps
50.8 Kbps
Search
ENG IN
13:43
23-12-2022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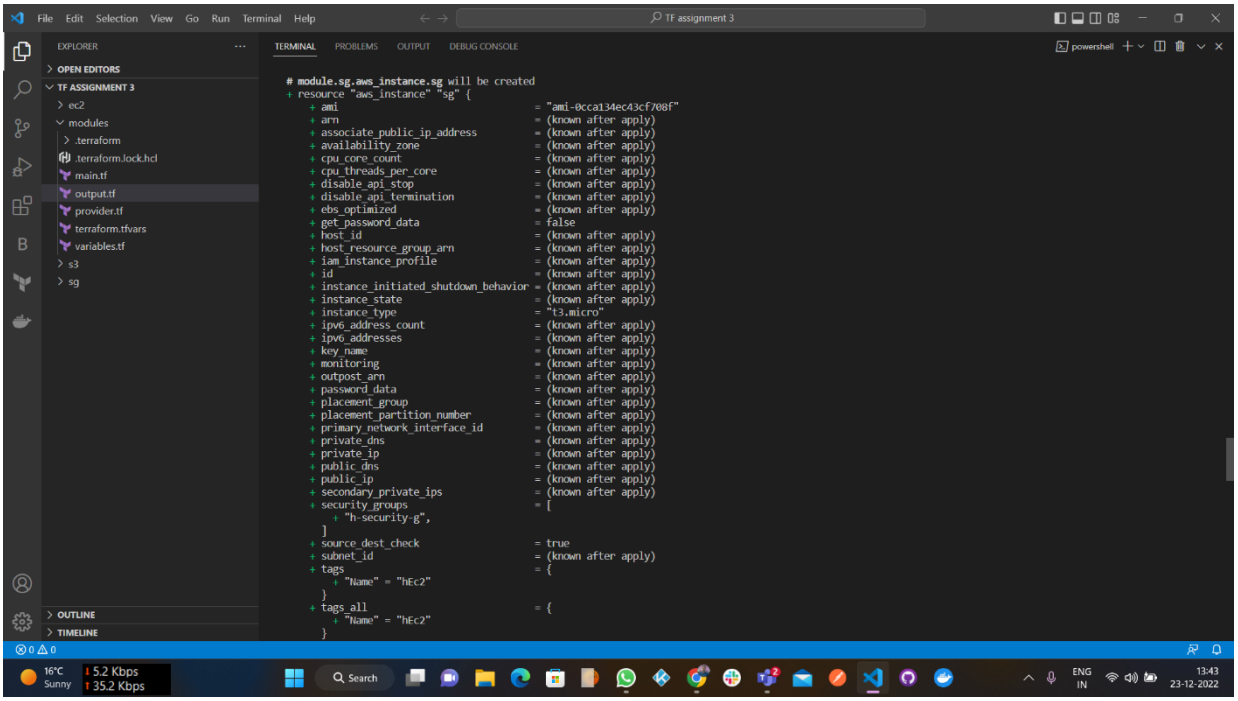
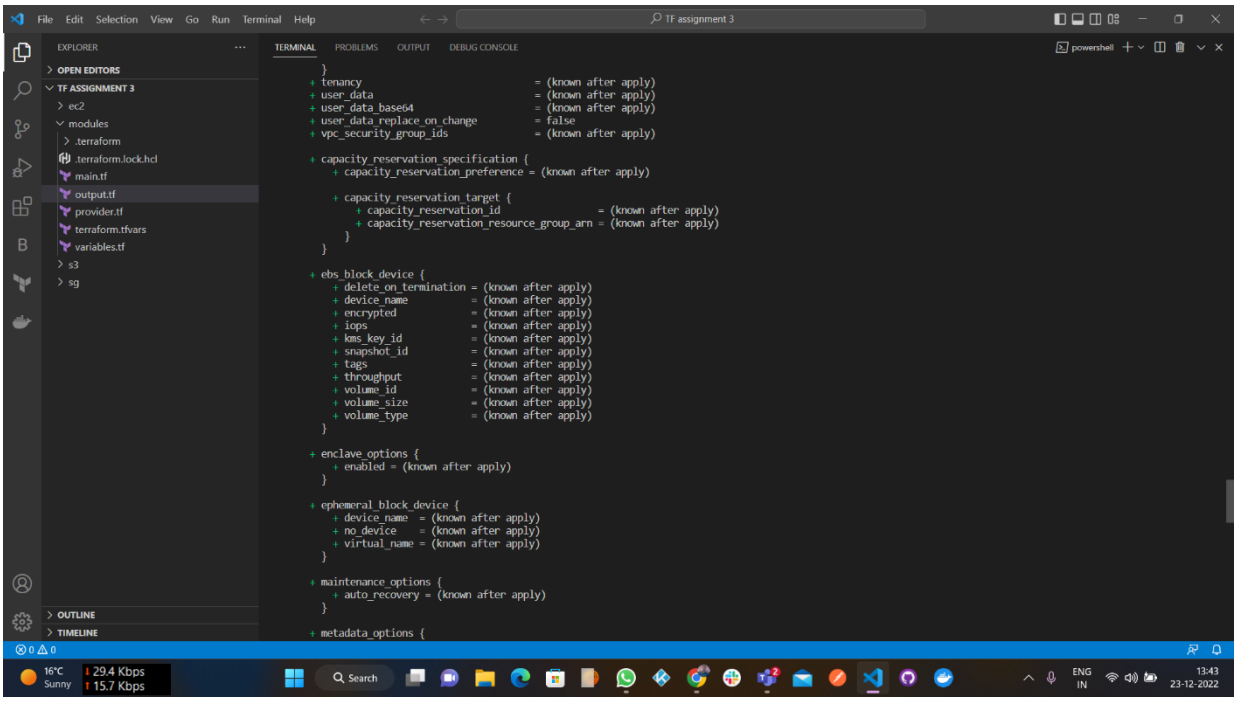
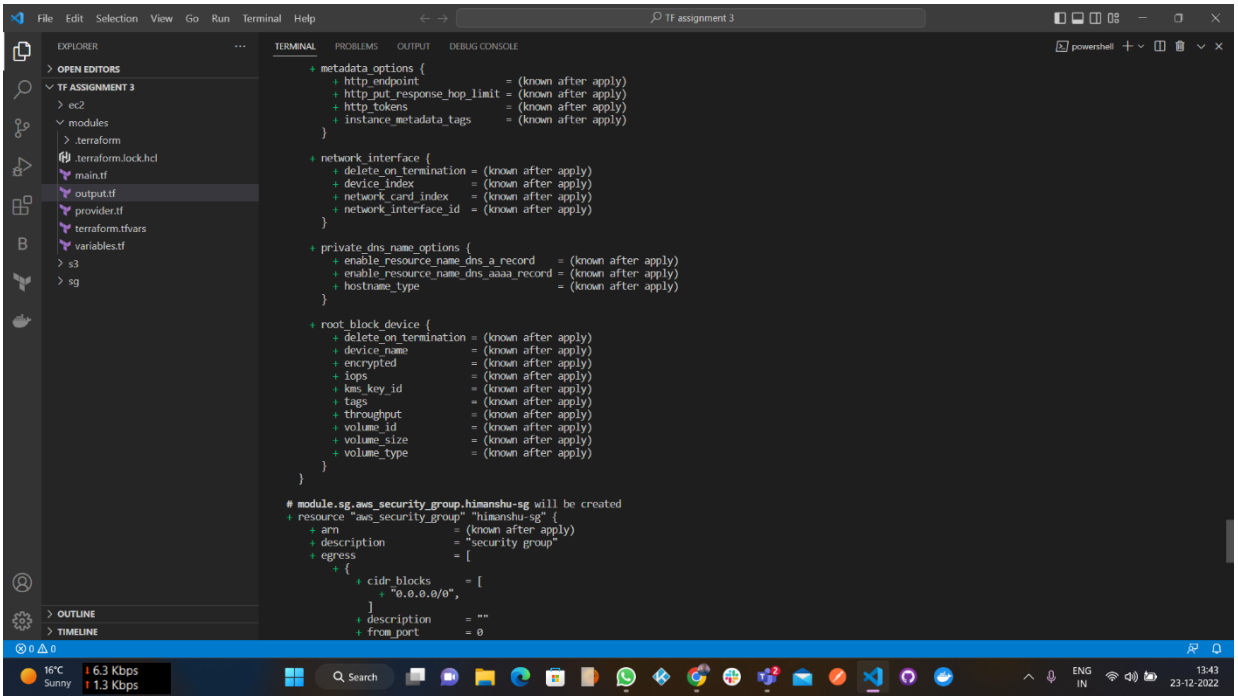
variables.tf
s3
sg
OUTLINE
TIMELINE
TERMINAL
PROBLEMS
OUTPUT
DEBUG CONSOLE
powershell
+ server_side_encryption_configuration {
+ rule {
+ bucket_key_enabled = (known after apply)
+ apply_server_side_encryption_by_default {
+ kms_master_key_id = (known after apply)
+ sse_algorithm = (known after apply)
}
}
}
+ versioning {
+ enabled = (known after apply)
+ mfa_delete = (known after apply)
}
+ website {
+ error_document = (known after apply)
+ index_document = (known after apply)
+ redirect_all_requests_to = (known after apply)
+ routing_rules = (known after apply)
}
}
# module.sg.aws_instance.sg will be created
+ resource "aws_instance" "sg" {
+ ami = "ami-0cca134ec43cf708f"
+ arn = (known after apply)
+ associate_public_ip_address = (known after apply)
+ availability_zone = (known after apply)
+ cpu_core_count = (known after apply)
+ cpu_threads_per_core = (known after apply)
+ disable_api_stop = (known after apply)
+ disable_api_termination = (known after apply)
+ ebs_optimized = (known after apply)
+ get_password_data = false
+ host_id = (known after apply)
+ host_resource_group_arn = (known after apply)
+ iam_instance_profile = (known after apply)
+ id = (known after apply)
+ instance_initiated_shutdown_behavior = (known after apply)
+ instance_state = (known after apply)
+ instance_type = "t3.micro"
+ ipv6_address_count = (known after apply)
+ ipv6_addresses = (known after apply)
16°C Sunny
43.6 Kbps
18.4 Kbps
Search
ENG IN
13:43
23-12-2022

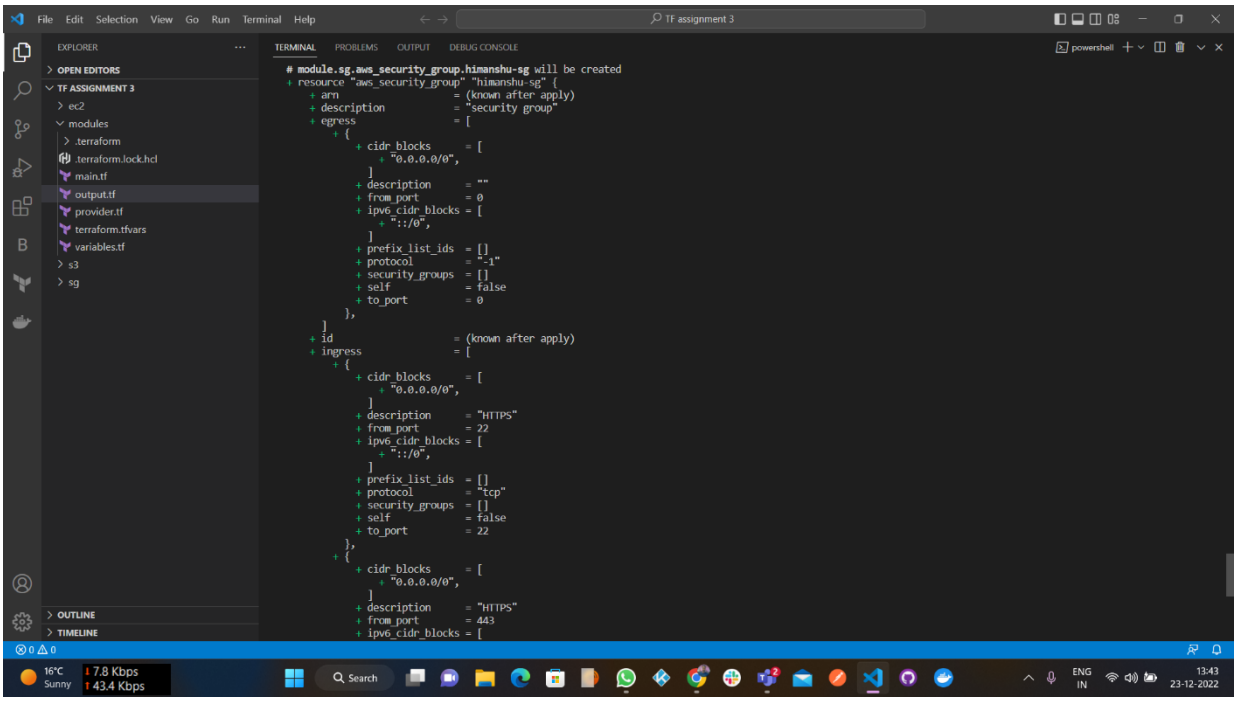
Security Group:

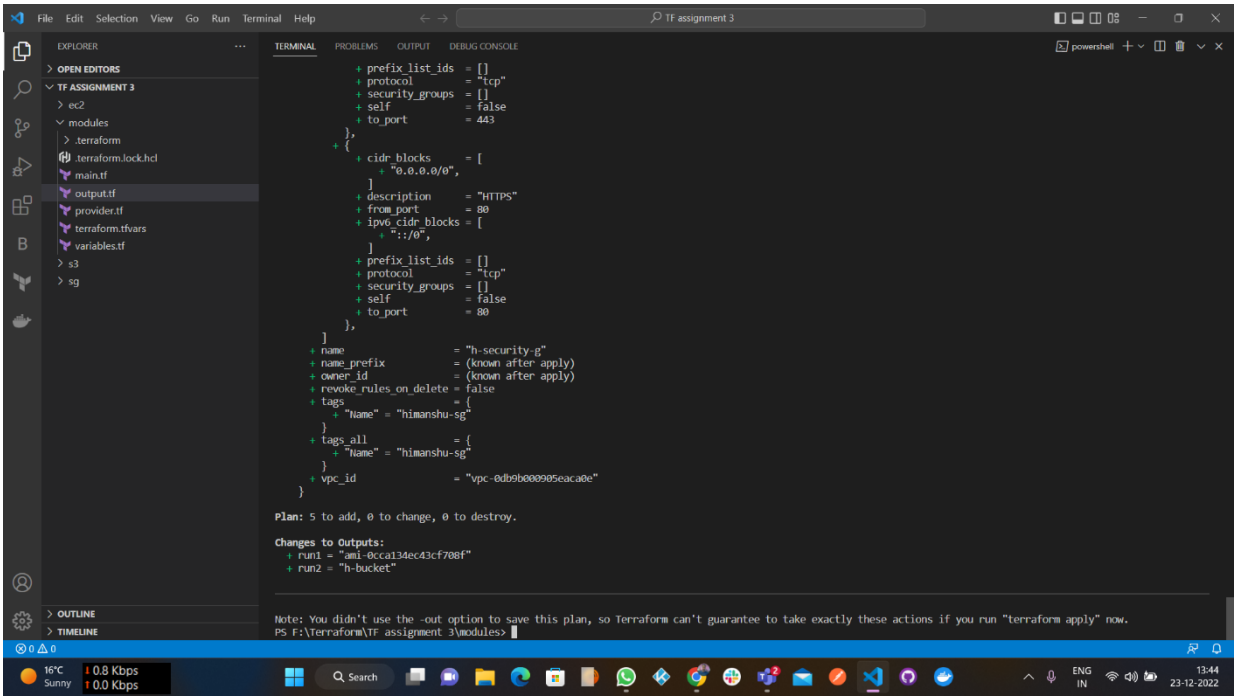






Security Group egress and ingress:

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provider.tf
terraform.tfvars
variables.tf
s3
sg
OUTLINE
TIMELINE
TERMINAL
PROBLEMS
OUTPUT
DEBUG CONSOLE
powershell
+ prefix_list_ids = []
+ protocol = "tcp"
+ security_groups = []
+ self = false
+ to_port = 443
},
+ {
+ cidr_blocks = [
+ "0.0.0.0/0",
]
+ description = "HTTPS"
+ from_port = 80
+ ipv6_cidr_blocks = [
+ "::/0",
]
+ prefix_list_ids = []
+ protocol = "tcp"
+ security_groups = []
+ self = false
+ to_port = 80
},
]
+ name = "h-security-g"
+ name_prefix = (known after apply)
+ owner_id = (known after apply)
+ revoke_rules_on_delete = false
+ tags = {
+ "Name" = "himanshu-sg"
}
+ tags_all = {
+ "Name" = "himanshu-sg"
}
+ vpc_id = "vpc-0db9b000905eaca0e"
}
Plan: 5 to add, 0 to change, 0 to destroy.
Changes to Outputs:
+ run1 = "ami-0cca134ec43cf708f"
+ run2 = "h-bucket"
Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.
PS F:\Terraform\TF assignment 3\modules>
16°C
Sunny
0.8 Kbps
0.0 Kbps
Search
ENG
IN
13:44
23-12-2022