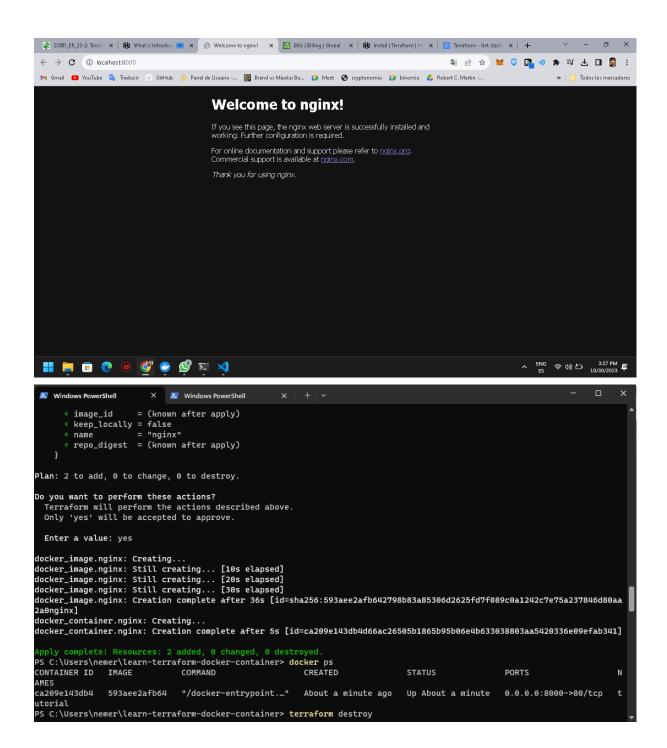
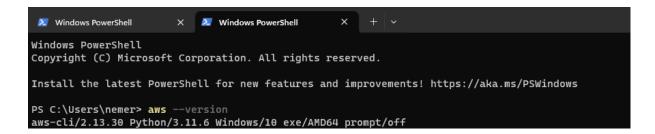


```
Windows PowerShell
                                                              = (known after apply)
       + stop_signal
       + stop_timeout
                                                              = (known after apply)
       + tty
+ wait
                                                              = false
                                                              = false
       + wait_timeout
                                                              = 60
       + ports {
           + external = 8000
+ internal = 80
+ ip = "0.0.0.0"
            + protocol = "tcp"
 * keep_locally = false
* name = "nginx"
* repo_digest = (known after apply)
Plan: 2 to add, \theta to change, \theta to destroy.
Do you want to perform these actions?
 Terraform will perform the actions described above.
Only 'yes' will be accepted to approve.
 Enter a value:
```





```
PS C:\Users\nemer> aws configure

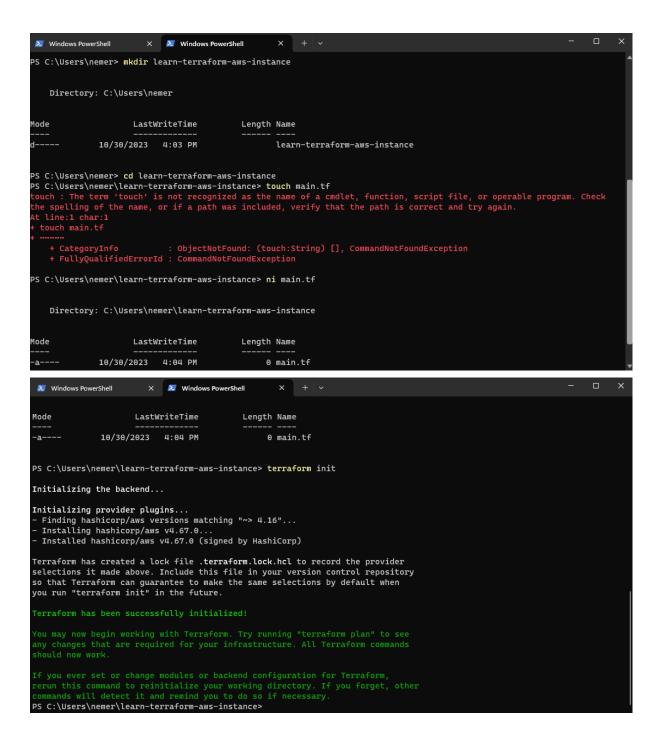
AWS Access Key ID [None]:

AWS Secret Access Key [None]:

Default region name [None]:

Default output format [None]:

PS C:\Users\nemer>
```



```
X Mindows PowerShell
 Windows PowerShell
PS C:\Users\nemer\learn-terraform-aws-instance> terraform apply
 Ferraform used the selected providers to generate the following execution plan. Resource actions are indicated with the
following symbols:
   + create
Terraform will perform the following actions:
  # aws_instance.app_server will be created
+ resource "aws_instance" "app_server" {
                                                          = "ami-830c94e3"
        + ami
        + arn
                                                          = (known after apply)
        + associate_public_ip_address
                                                          = (known after apply)
          availability_zone
                                                          = (known after apply)
                                                             (known after apply)
          cpu_core_count
          cpu_threads_per_core
                                                          = (known after apply)
          disable_api_stop
disable_api_termination
                                                          = (known after apply)
                                                          = (known after apply)
          ebs_optimized
                                                             (known after apply)
          get_password_data
                                                          = false
          host_id
                                                          = (known after apply)
                                                          = (known after apply)
= (known after apply)
          host_resource_group_arn
iam_instance_profile
          id
                                                             (known after apply)
          instance_initiated_shutdown_behavior = (known after apply)
instance_state = (known after apply)
instance_type = "t2.micro"
          ipv6_address_count
                                                           = (known after apply)
          ipv6_addresses
                                                          = (known after apply)
          key_name
                                                          = (known after apply)
 Windows PowerShell
                               X Windows PowerShell
        + tags
                "Name" = "ExampleAppServerInstance"
        + tags_all
                                                          = {
                "Name" = "ExampleAppServerInstance"
        + tenancy
                                                           = (known after apply)
                                                           = (known after apply)
        + user_data
          user_data_base64
                                                           = (known after apply)
          user_data_replace_on_change
                                                          = false
                                                          = (known after apply)
          vpc_security_group_ids
Plan: 1 to add, θ to change, θ to destroy.
Do you want to perform these actions?
Terraform will perform the actions described above.
  Only 'yes' will be accepted to approve.
  Enter a value: yes
aws_instance.app_server: Creating...
aws_instance.app_server: Still creating... [10s elapsed]
aws_instance.app_server: Still creating... [20s elapsed]
aws_instance.app_server: Still creating... [30s elapsed]
aws_instance.app_server: Still creating... [40s elapsed]
aws_instance.app_server: Creation complete after 45s [id=i-0dd89e2bc3fef71c9]
        complete! Resources: 1 added, 0 changed, 0 destroyed.
PS C:\Users\nemer\learn-terraform-aws-instance>
```

```
X Mindows PowerShell
 Windows PowerShell
PS C:\Users\nemer\learn-terraform-aws-instance> terraform show
# aws_instance.app_server:
resource "aws_instance" "app_server" {
                                               = "ami-830c94e3"
    ami
                                               = "arn:aws:ec2:us-west-2:453285446265:instance/i-0dd89e2bc3fef71c9"
    associate_public_ip_address
                                               = true
    availability_zone
                                               = "us-west-2b"
    cpu_core_count
    cpu_threads_per_core
    disable_api_stop
disable_api_termination
                                               = false
                                               = false
    ebs_optimized
                                               = false
    get_password_data
                                               = false
                                               = false
    hibernation
                                               = "i-0dd89e2bc3fef71c9"
    id
    instance_initiated_shutdown_behavior = "stop"
    instance_state
                                               = "running"
                                               = "t2.micro"
    instance_type
ipv6_address_count
ipv6_addresses
                                              = "t2.micro"
= 0
= []
= false
= 0
= "eni-04d0fa9c62f270dac"
    monitoring
    placement_partition_number
primary_network_interface_id
    private_dns
                                               = "ip-172-31-17-66.us-west-2.compute.internal"
    private_ip
                                               = "172.31.17.66"
                                               = "ec2-34-216-219-5.us-west-2.compute.amazonaws.com"
    public_dns
    public_ip
                                               = "34.216.219.5"
                                               = []
= [
     secondary_private_ips
    security_groups
"default",
Windows PowerShell
                           X Windows PowerShell
    maintenance_options {
   auto_recovery = "default"
    metadata_options {
        http_endpoint
                                         = "enabled"
         http_put_response_hop_limit = 1
                                         = "optional"
        http_tokens
                                         = "disabled"
         instance_metadata_tags
    private_dns_name_options {
        enable_resource_name_dns_a_record = false
enable_resource_name_dns_aaaa_record = false
         hostname_type
                                                   = "ip-name"
    root_block_device {
        delete_on_termination = true
                          = "/dev/sda1"
= false
         device_name
         encrypted
                                 = 0
= {}
         iops
         tags
         throughput
                                  = "vol-086efbeb5a7e4b298"
        volume_id
        volume_size
volume_type
                                 = 8
                                  = "standard"
,
PS C:\Users\nemer\learn-terraform-aws-instance>
PS C:\Users\nemer\learn-terraform-aws-instance> terraform state list
aws_instance.app_server
PS C:\Users\nemer\learn-terraform-aws-instance> |
```

