MINGW64:/d/terraform-examples/exercise4

```
Star@Dell-I3 MINGW64 ~
$ cd /d/terraform-examples/exercise4

Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform init

Initializing the backend...


Initializing provider plugins...
- Reusing previous version of hashicorp/aws from the dependency lock file
- Using previously-installed hashicorp/aws v5.58.0

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see
any changes that are required for your infrastructure. All Terraform commands
should now work.

If you ever set or change modules or backend configuration for Terraform,
rerun this command to reinitialize your working directory. If you forget, other
commands will detect it and remind you to do so if necessary.

Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform validate
Success! The configuration is valid.


Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform fmt

Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform plan

Terraform used the selected providers to generate the following execution
plan. Resource actions are indicated with the following symbols:
  + create
```

MINGW64:/d/terraform-examples/exercise4

```
Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform plan

Terraform 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.exercise3-inst will be created
  + resource "aws_instance" "exercise3-inst" {
      + ami                                  = "ami-0649bea3443ede307"
      + arn                                  = (known after apply)
      + associate_public_ip_address          = (known after apply)
      + availability_zone                    = "us-east-2a"
      + 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_lifecycle                   = (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                             = "terraform-key"
      + monitoring                           = (known after apply)
      + outpost_arn                          = (known after apply)
      + password_data                        = (known after apply)
      + placement_group                      = (known after apply)
      + placement_partition_number           = (known after apply)
      + primary_network_interface_id         = (known after apply)
      + private_dns                          = (known after apply)
```

MINGW64:/d/terraform-examples/exercise4

```
Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$ terraform apply

Terraform 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.exercise3-inst will be created
  + resource "aws_instance" "exercise3-inst" {
      + ami                                  = "ami-0649bea3443ede307"
      + arn                                  = (known after apply)
      + associate_public_ip_address          = (known after apply)
      + availability_zone                    = "us-east-2a"
      + 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_lifecycle                   = (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                             = "terraform-key"
      + monitoring                           = (known after apply)
      + outpost_arn                          = (known after apply)
      + password_data                        = (known after apply)
      + placement_group                      = (known after apply)
      + placement_partition_number           = (known after apply)
      + primary_network_interface_id         = (known after apply)
```

MINGW64:/d/terraform-examples/exercise4

```
      + key_name_prefix = (known after apply)
      + key_pair_id     = (known after apply)
      + key_type        = (known after apply)
      + public_key      = "ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIIQtTkyS8Zfdtu+C5
561d0+RJZaYY4ItBd/oNyOqrICM Star@Dell-I3"
      + tags_all        = (known after apply)
    }

Plan: 2 to add, 0 to change, 0 to destroy.

Changes to Outputs:
  + PrivateIP = (known after apply)
  + PublicIP  = (known after apply)

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_key_pair.terraform-key: Creating...
aws_key_pair.terraform-key: Creation complete after 3s [id=terraform-key]
aws_instance.exercise3-inst: Creating...
aws_instance.exercise3-inst: Still creating... [10s elapsed]
aws_instance.exercise3-inst: Still creating... [20s elapsed]
aws_instance.exercise3-inst: Still creating... [30s elapsed]
aws_instance.exercise3-inst: Still creating... [40s elapsed]
aws_instance.exercise3-inst: Creation complete after 47s [id=i-02aa4d83e4600a620
]

Apply complete! Resources: 2 added, 0 changed, 0 destroyed.

Outputs:

PrivateIP = "172.31.10.104"
PublicIP = "3.12.151.252"

Star@Dell-I3 MINGW64 /d/terraform-examples/exercise4
$
```