Create a file called main.tf.

Create a docker image resource and call it nginx\_image.

Set the name of the image to nginx:latest.

Save and exit the file.

terraform {

required\_providers {

docker = {

source = "kreuzwerker/docker"

version = ">= 2.13.0"

}

}

}

provider "docker" {

host = "npipe:////.//pipe//docker\_engine"

}

resource "docker\_image" "nginx\_image" {

name = "nginx:latest"

}

Initialize Terraform.

PS C:\Users\user\Desktop\terraform\ass1> terraform init

Plan the deploy and output a terraform plan called tf\_image\_plan.

PS C:\Users\user\Desktop\terraform\ass1> terraform plan -out="tf\_image\_plan.tfplan"

Apply the plan using tf\_image\_plan.

PS C:\Users\user\Desktop\terraform\ass1> terraform apply "tf\_image\_plan.tfplan"