**2.Create a new Terraform file called main.tf.**

**Create three variables.**

**The first variable, called image\_name, needs to be set to ghost:latest.**

**The second variable is called container\_name with a default of ghost\_blog.**

**The final variable is called ext\_port and set the default to port 80.**

**Create a Docker image resource called ghost\_image that uses the image\_name variable.**

**Create a Docker container resource called ghost\_container.**

**The name will use the container\_name variable.**

**The image will use the ghost\_image resource.**

**The internal port will be set to 2368.**

**The external port will use ext\_port variable.**

**Initialize Terraform.**

**Create a Terraform plan that uses the following variables:**

**container\_name = ghost\_blog1**

**image\_name = ghost:alpine**

**ext\_port = 8080**

**Output the plan to a file called tfplan.**

**Then apply the plan using tfplan and make sure that the apply doesn’t prompt for input.**

**🡪**

**main.tf**

variable "container\_name" {}

variable "image\_name" {}

variable "ext\_port" {}

terraform {

  required\_providers {

    docker = {

      source = "terraform-providers/docker"

    }

  }

}

provider "docker" {

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

}

resource "docker\_image" "ghost" {

  name         = var.image\_name

  keep\_locally = false

}

resource "docker\_container" "ghost\_container" {

  image = var.image\_name

  name = var.container\_name

  ports {

    internal = 2368

    external = var.ext\_port

  }

}

**Terraform.tfvars-**





