**Project**

By using Terraform create the following resources in Azure

* A Resource Group
* A Virtual Machine
* A Storage account

**Steps**

To carry out this project, the following steps should be followed.

* Create a folder for the project and open it in a code editor. I worked on Visual Studio for the project.
* Create a provider Terraform file (provider.tf) on the folder. Copy and paste azure provider code for terraform. Available on https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs
* Create the resource group Terraform file (rg.tf) on the folder. Copy and paste azure provider code for terraform. Available on https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/resource\_group
* Make the necessary configuration/settings and naming on rg.tf file and save it.
* Create a virtual machine tf file (vm.tf) on the folder. In order to create a VM on Azure, you need a virtual network (VNet), a subnet, NIC and Operation System Disk.
* Copy and paste azure VM code for Terraform. Available on https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/data-sources/virtual\_machine
* Make the necessary configuration/settings and naming on vm.tf file and save it.
* Create a storage account Terraform file on the folder (storage.tf). Copy and paste azure storage account code for terraform. Available on https://registry.terraform.io/providers/hashicorp/azurerm/latest/docs/resources/storage\_account
* Make the necessary configuration/settings and naming on storage.tf file and save it.
* Type terraform init command on the CLI and log in the Azure account by typing az login.
* Type terraform plan to check the outcome of the code and if everything is OK, type terraform apply.
* At the end, when you go to Azure portal, you will see a diagram similar to the following one.

