

Task 1 –

Terraform script with the following components

- VPC

- Public Subnet
- Private Subnet
- Internet Gateway
- NAT Gateway
- Security group (http, SSH)
- Public route table - add routes, associate it with IGW
- Private route table - add routes, associate it with NG

Source Control Repository

- Check-in the code to GIT
- Check-in the code to GITHUB repository and share the link

General Recommendations:

1. Naming Conventions
2. Create a file to keep the variables

```
variable "vpc_cidr"{  
    default = "10.0.1.0/24"  
}
```
3. Enable Tracing (Logs) – TF_LOG, TF_LOG_PATH
4. Try terraform graph, terraform validate, save your terraform plan, terraform apply
5. Create .tfvars file
6. [Basic CLI Features | Terraform | HashiCorp Developer](#)
7. Visual Studio Code IDE