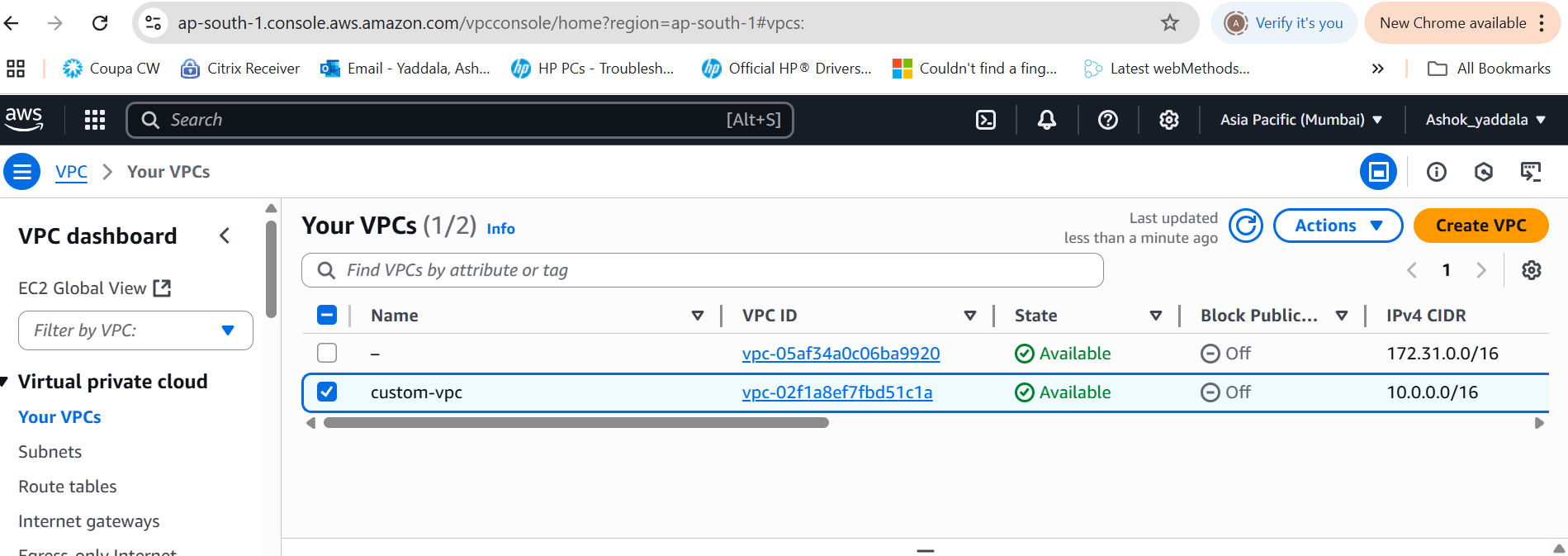
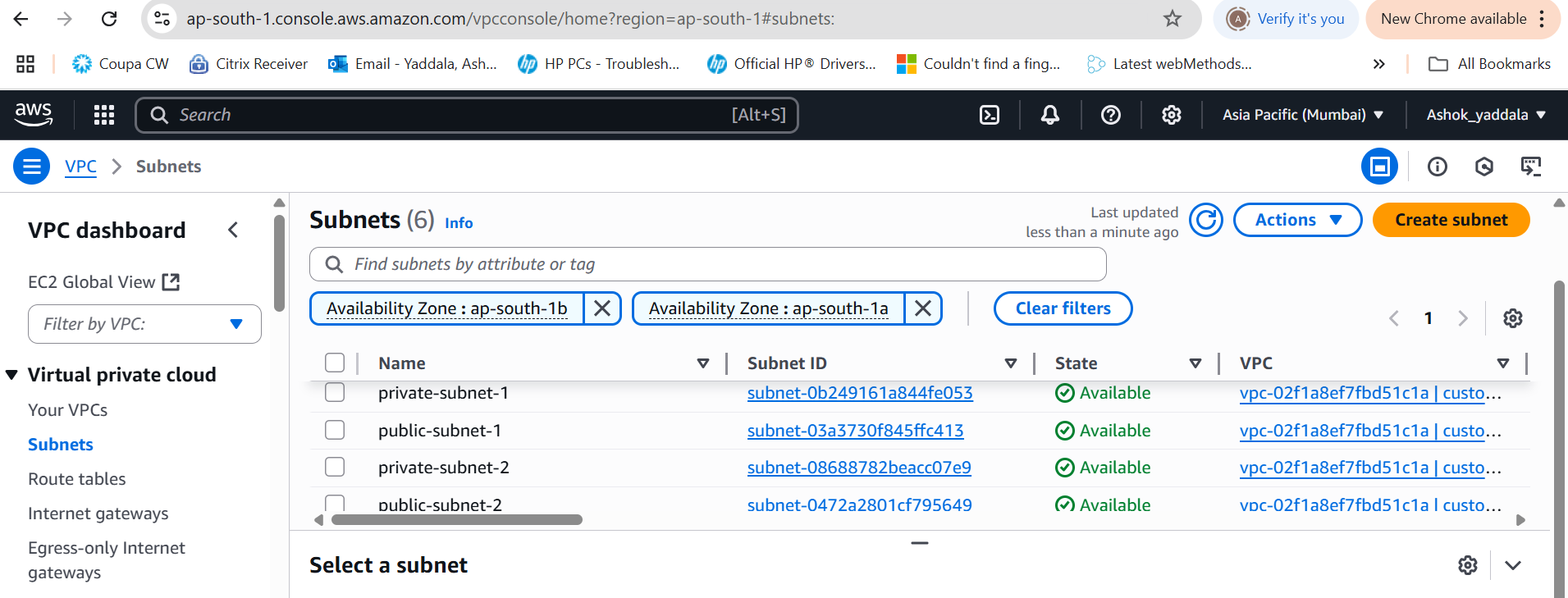
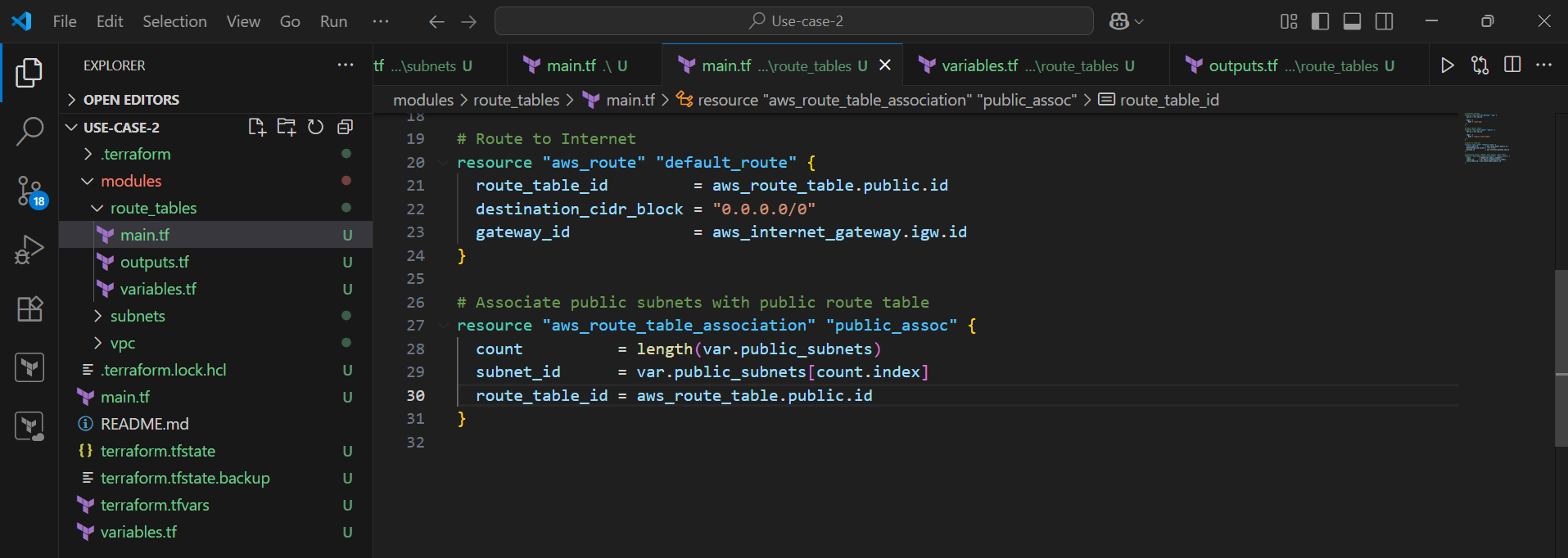


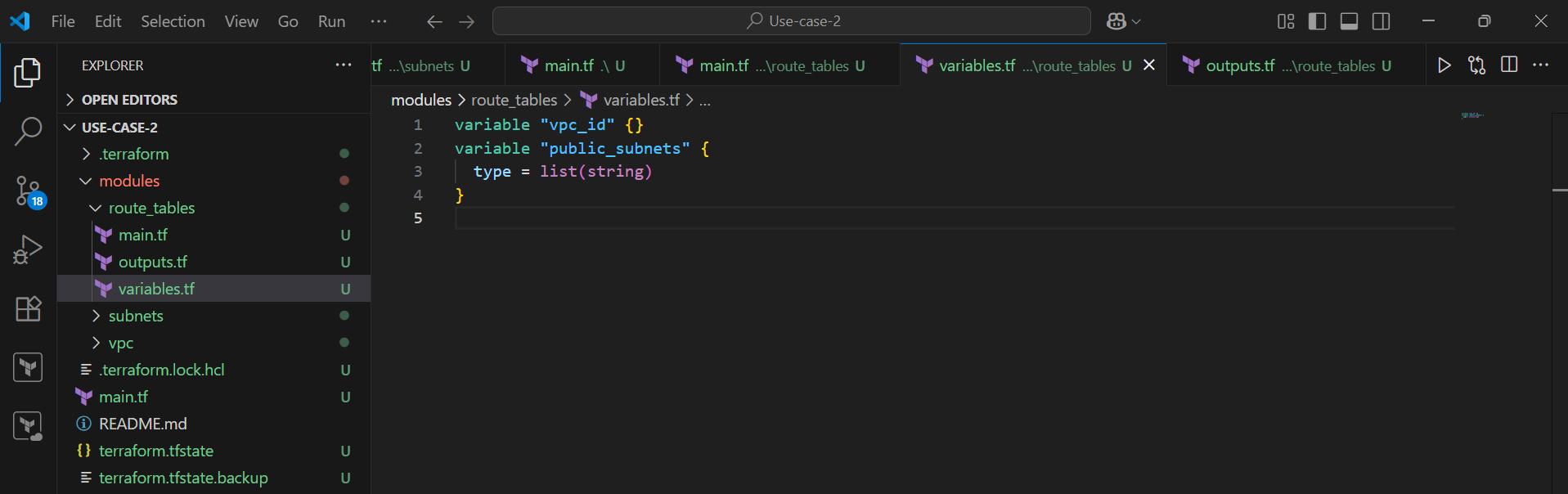
By using above terraform code I was able to create the custom VPC and 2 public subnets and 2 private subnets in each availability zone.

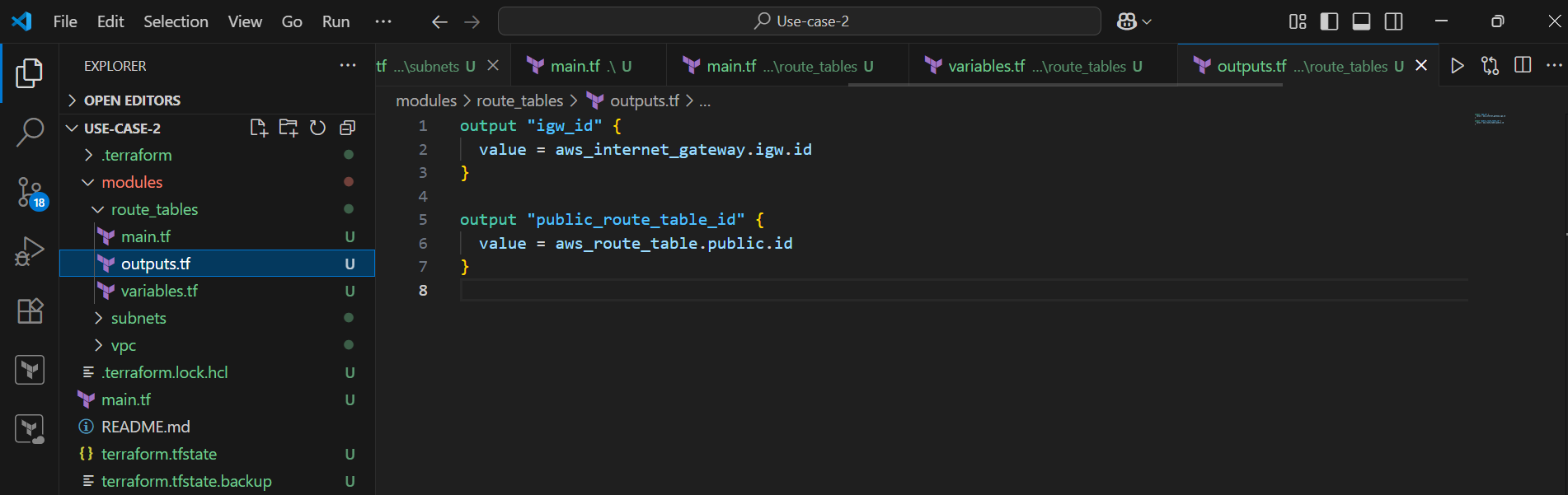


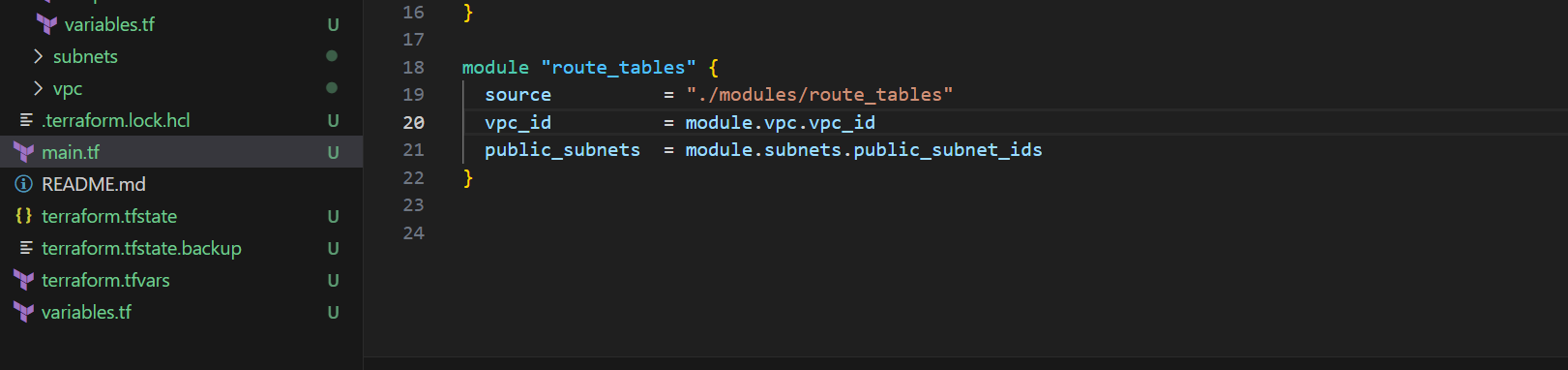


Now implementing the route tables for public subnets and the private subnets remain isolated by default.

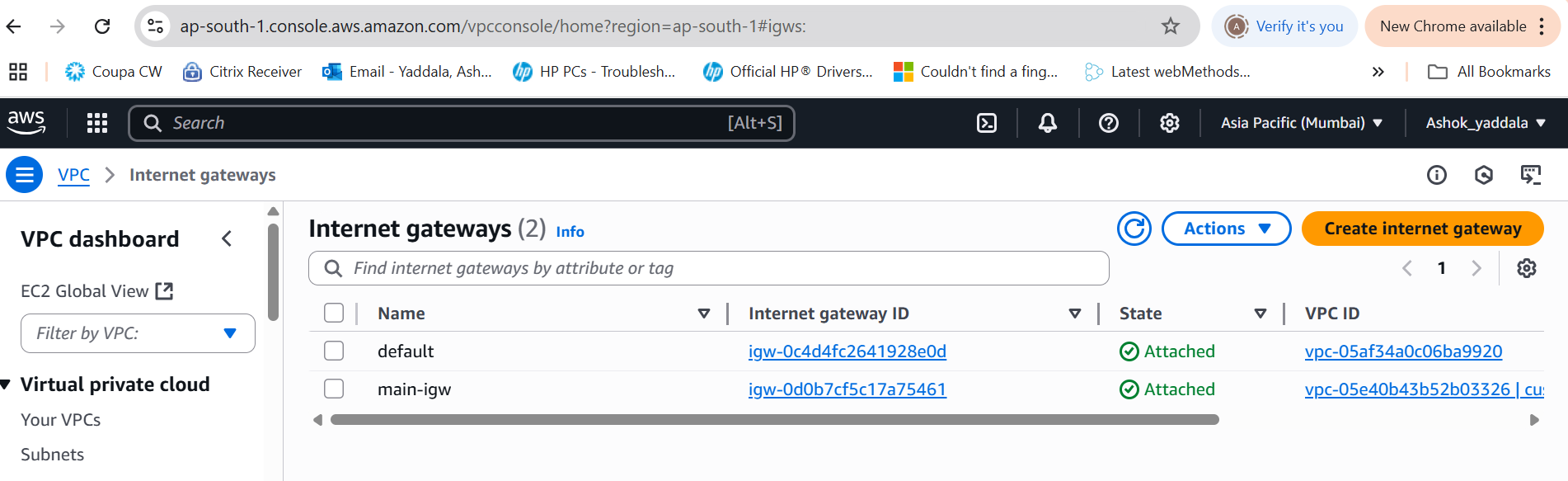


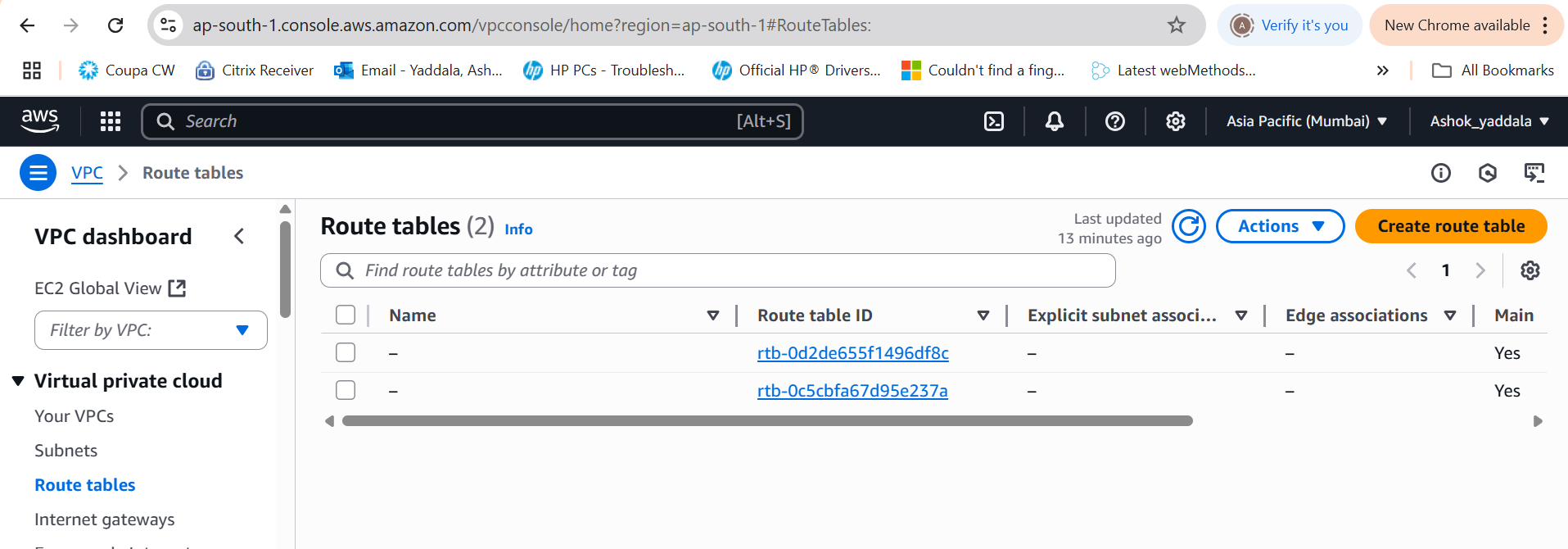




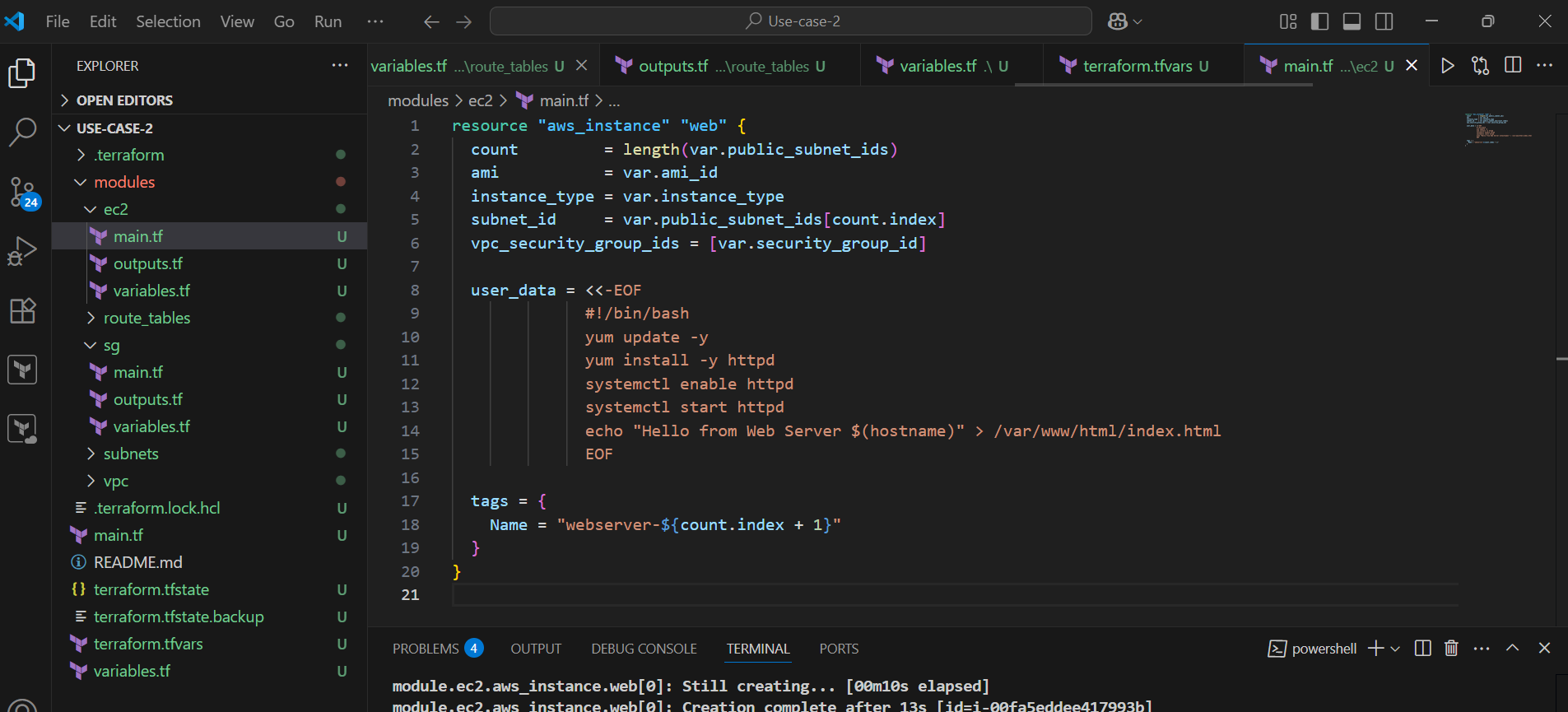


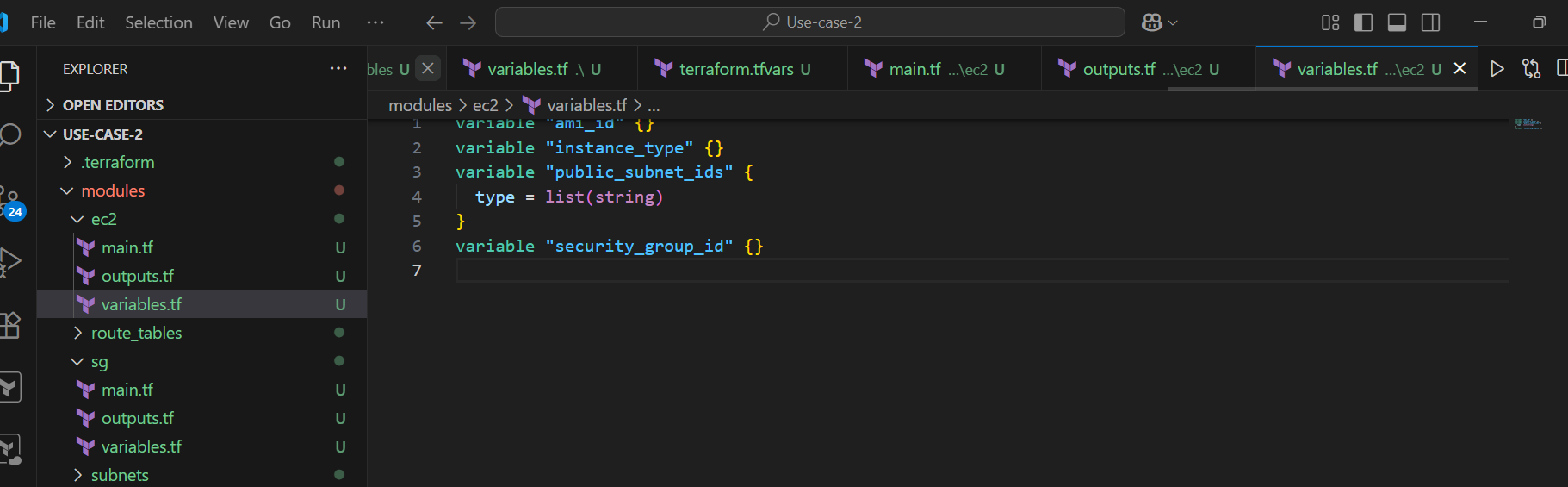
As part of above terraform implementation, the resources internet gateway and route tables will be created in AWS GUI.

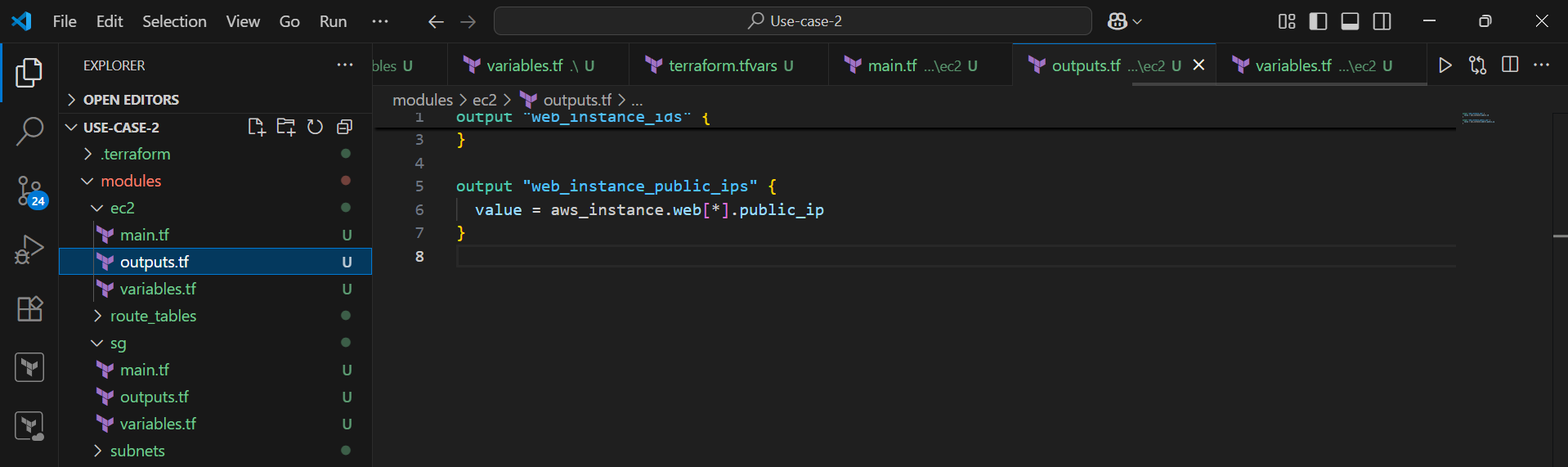


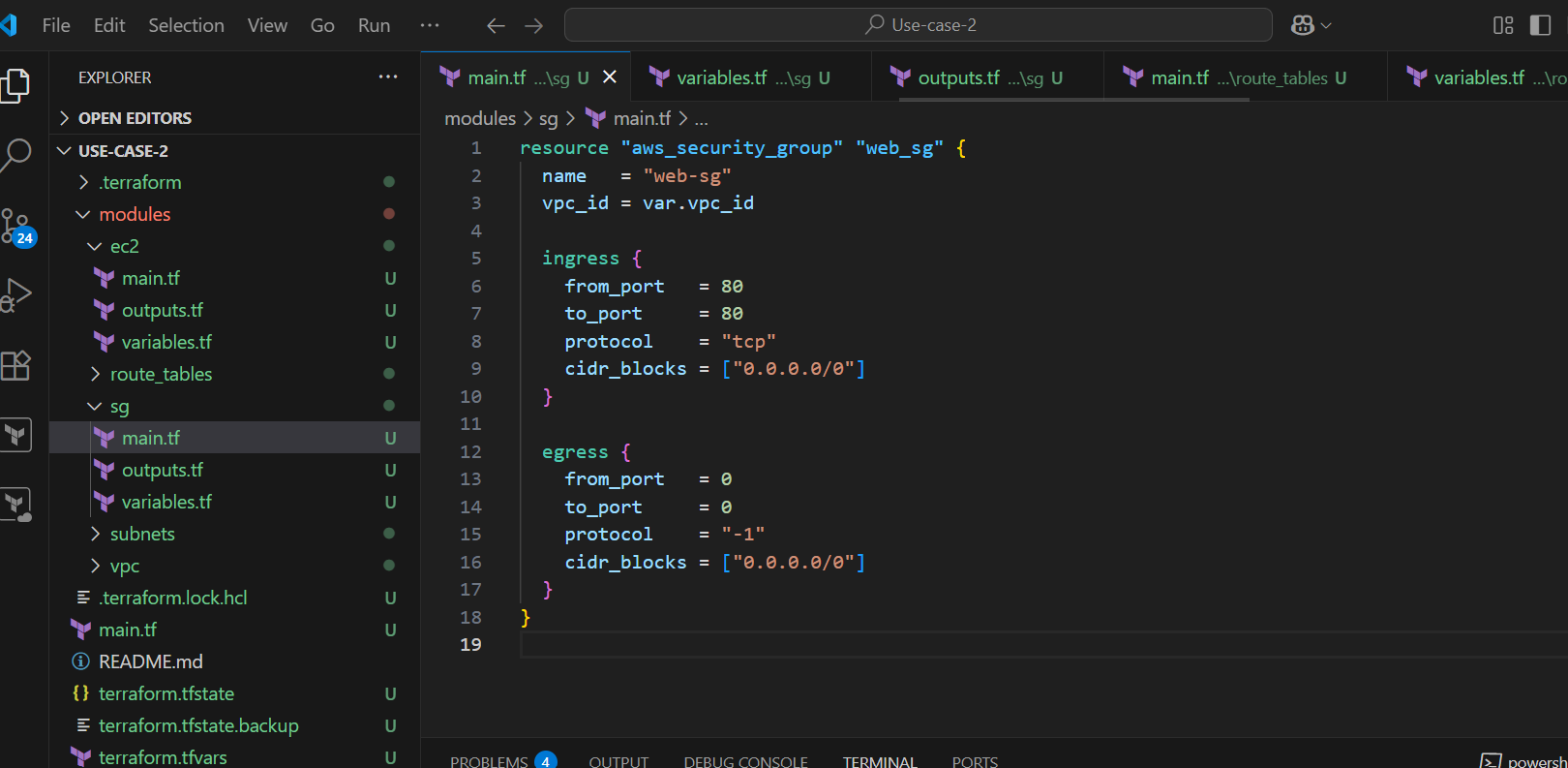


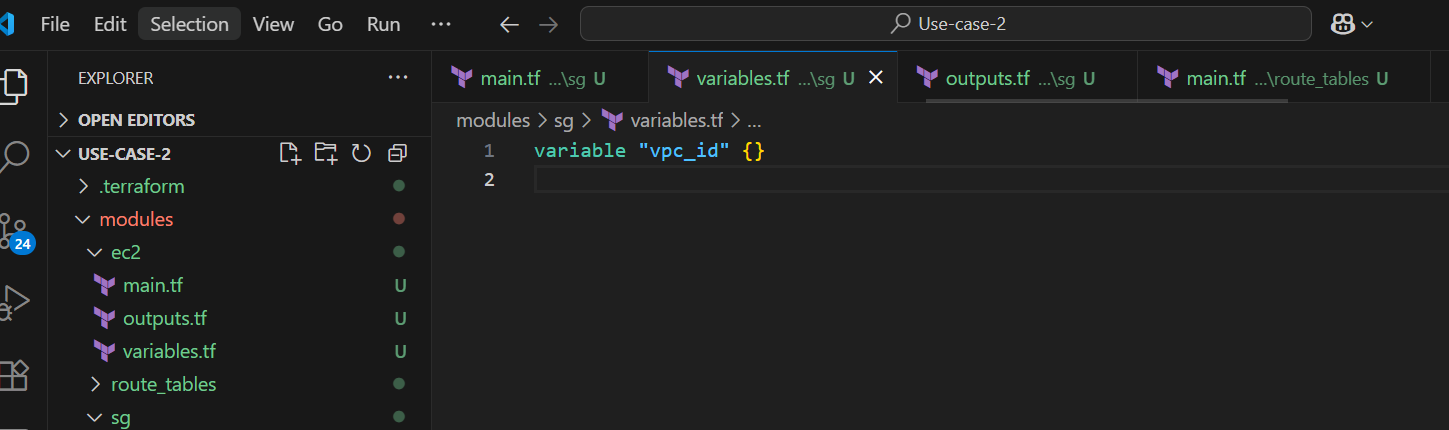
Now implementing the EC2 instances with a web server http in each public subnet.

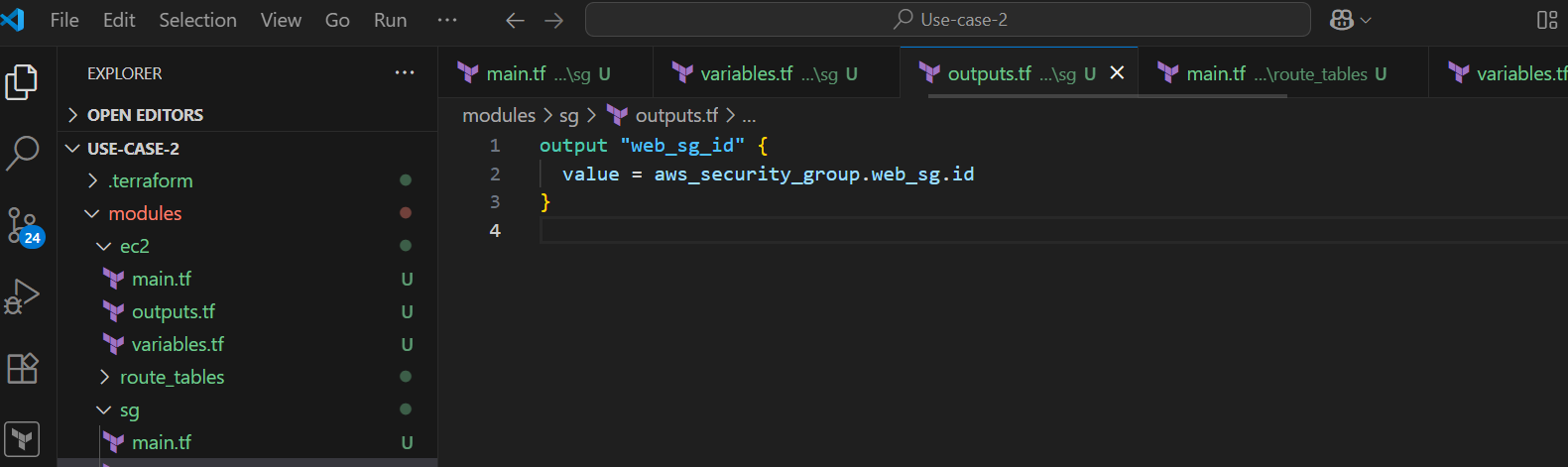


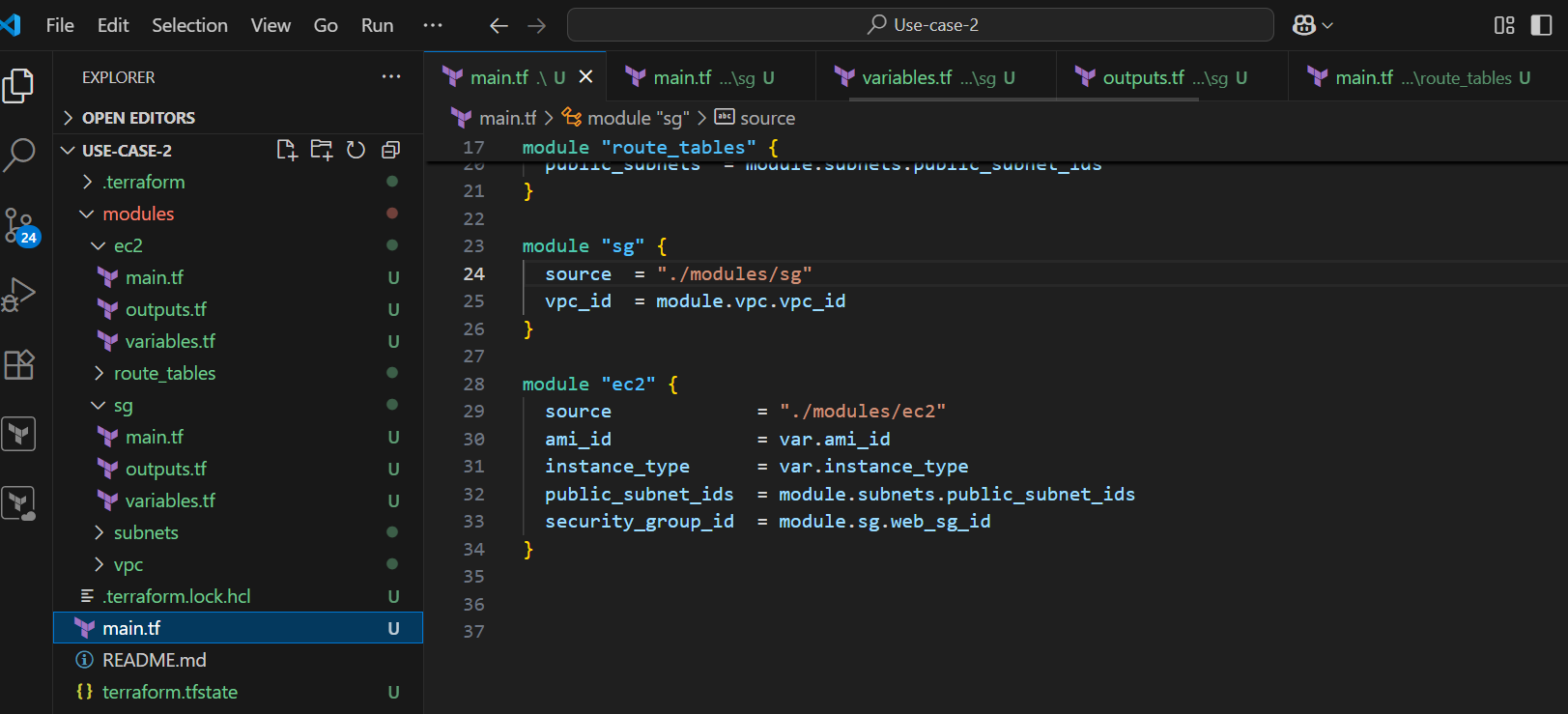




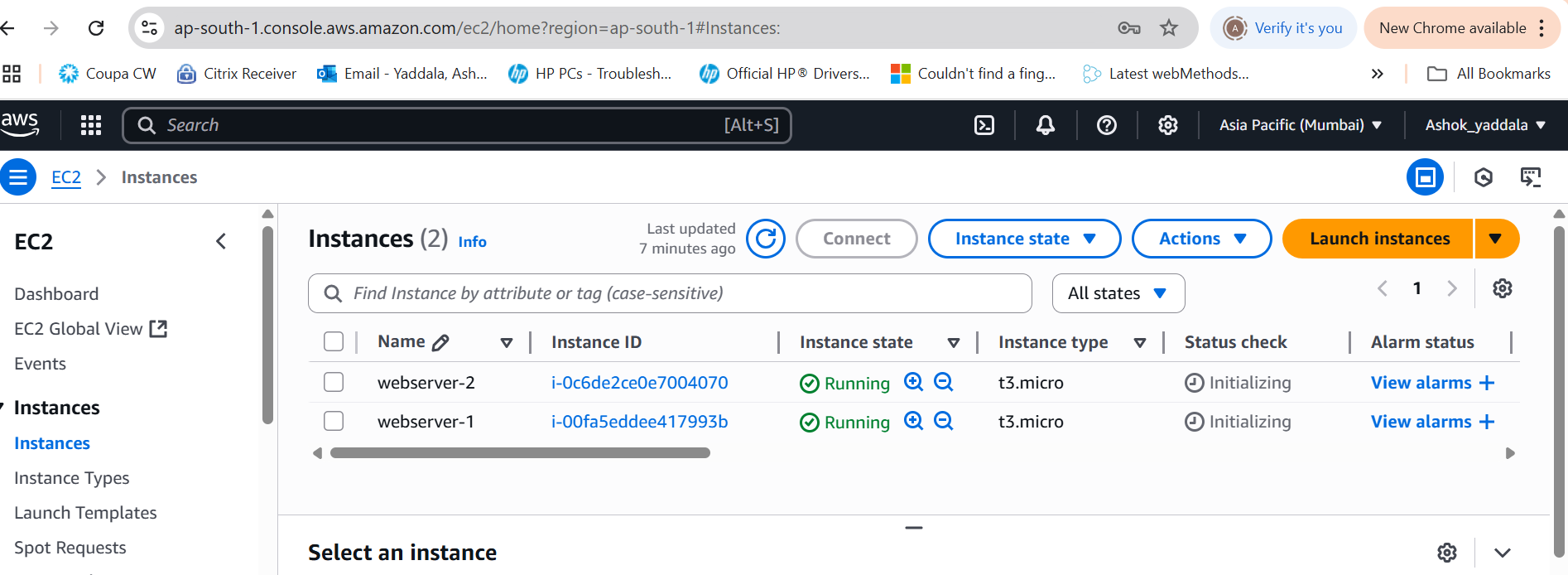


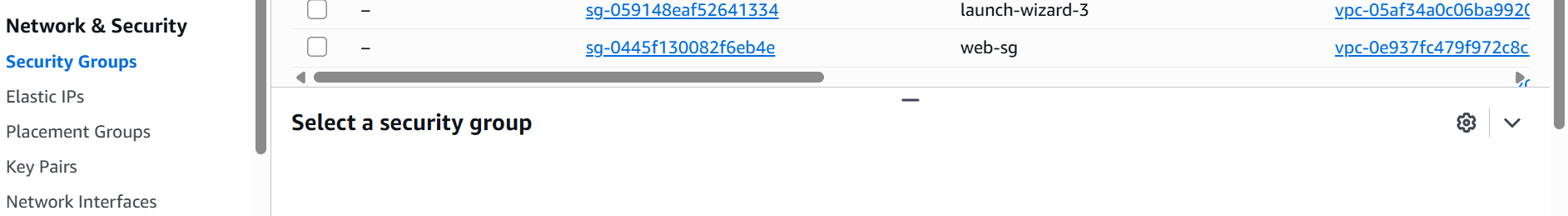






After launching the terraform code we could see that two ec2 instances and respective security groups will be created. Below are the snapshots from AWS console.





Now implementing 1 RDS mysql instance in the private subnets and security groups.

