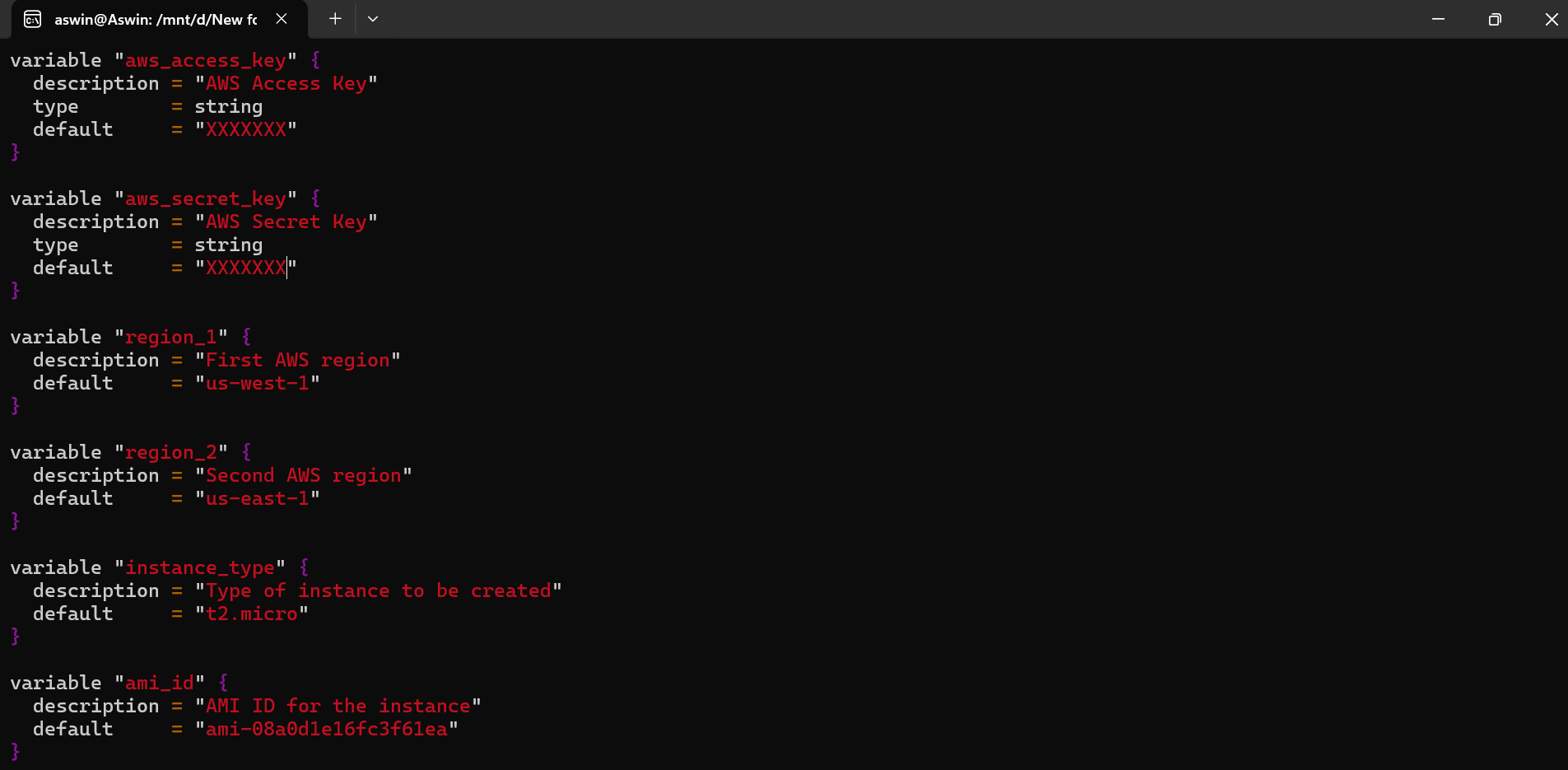
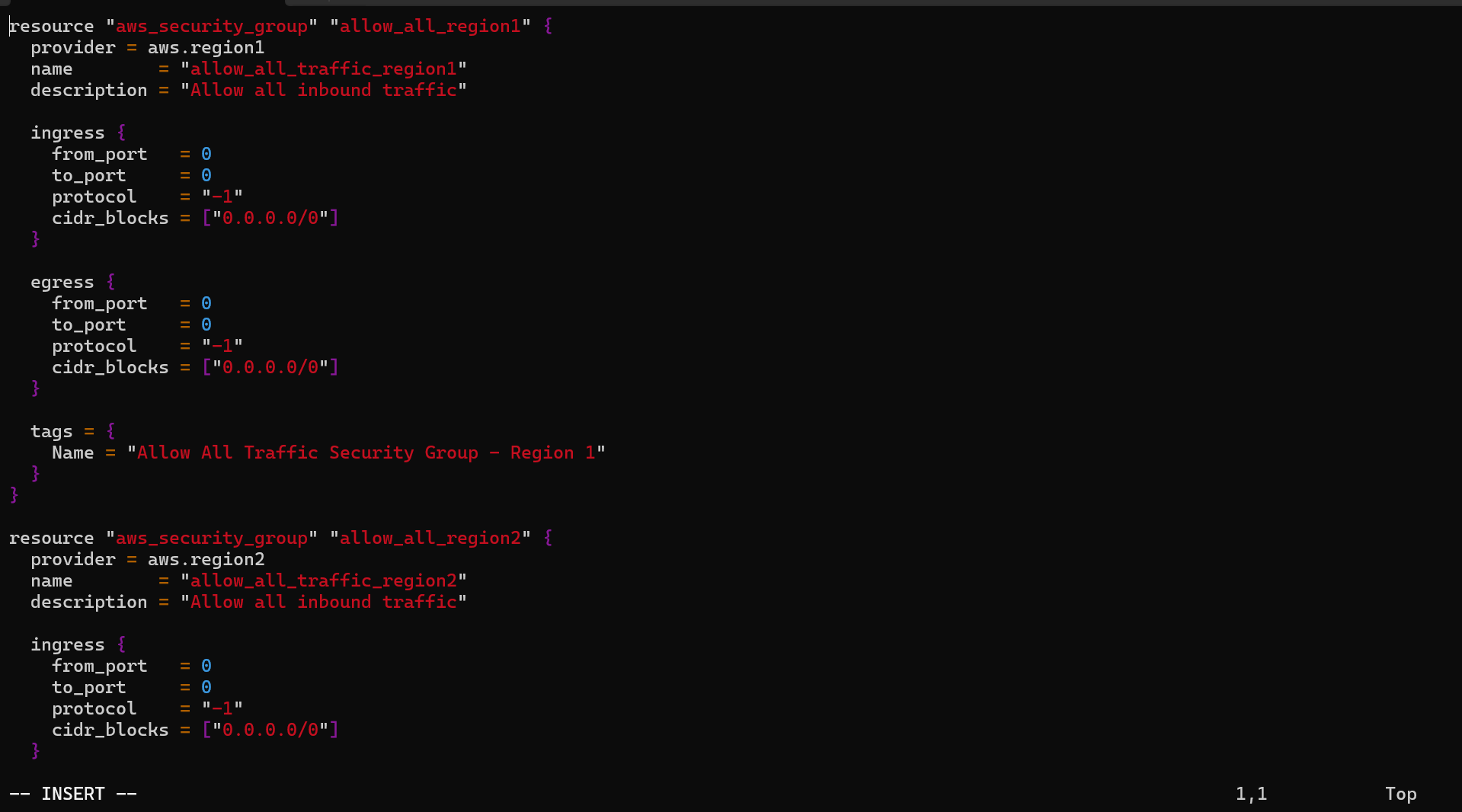
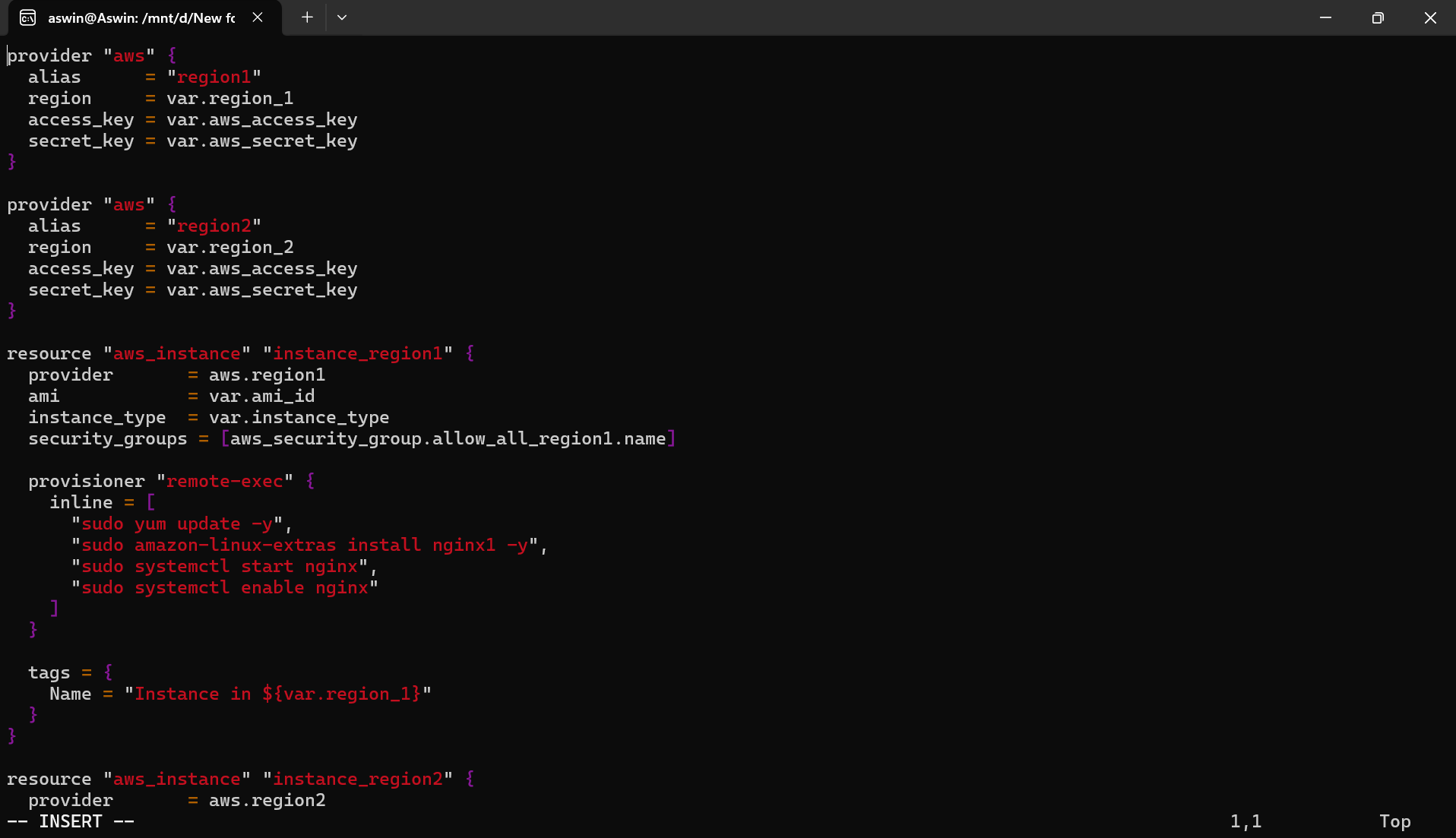
Here we are going to approach with help of different .tf file to make the terraform looks clean and neat  
first we create variables.tf  
which contain all variable used in terraform

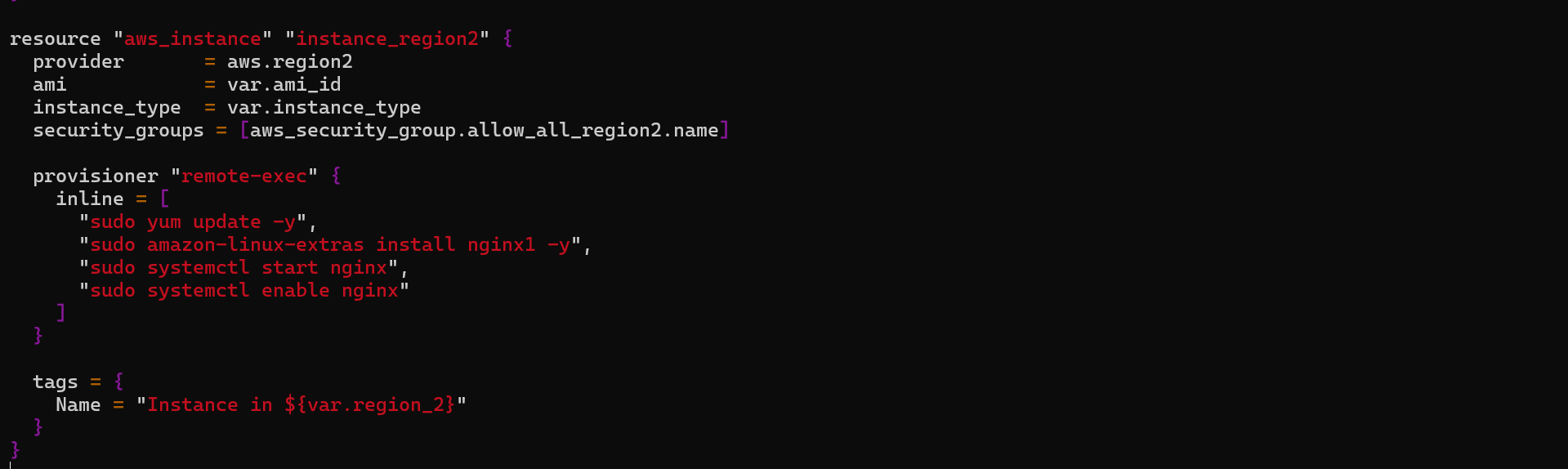


Now will create a security groups

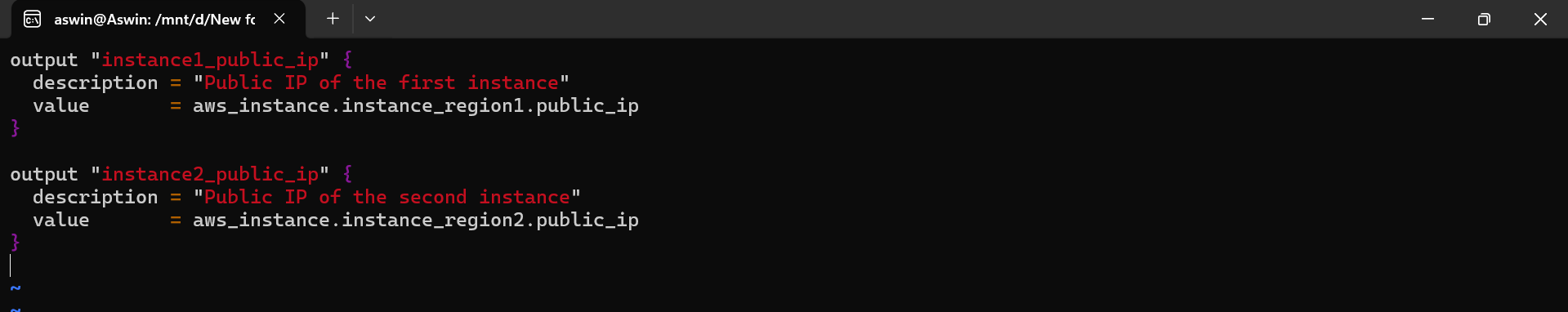


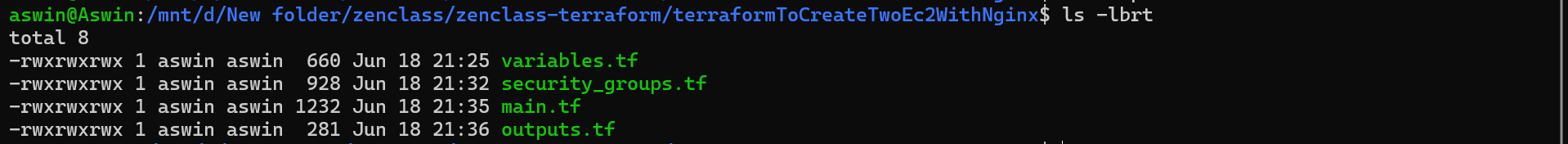
Now the ec2 instance on two diff region and install nginx



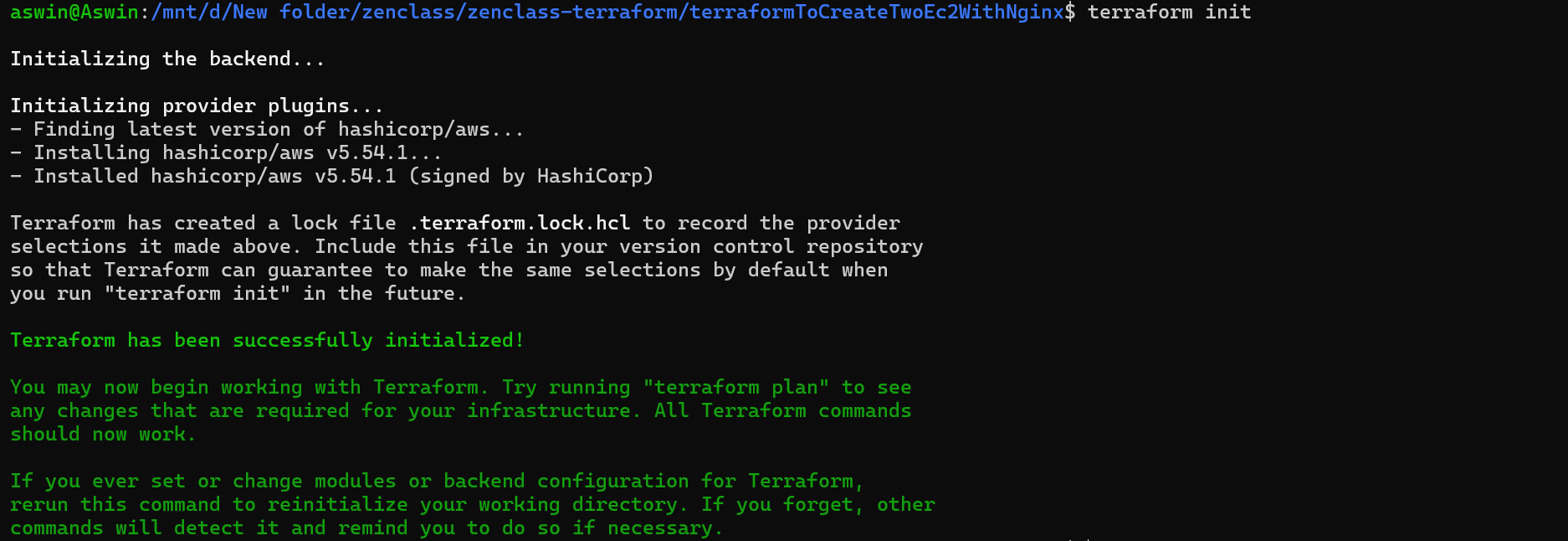


Additionally we are going to create outputs.tf to get the ip addresses

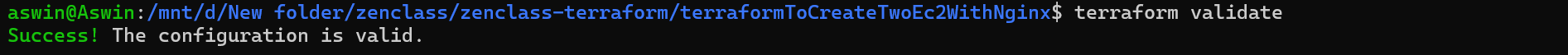




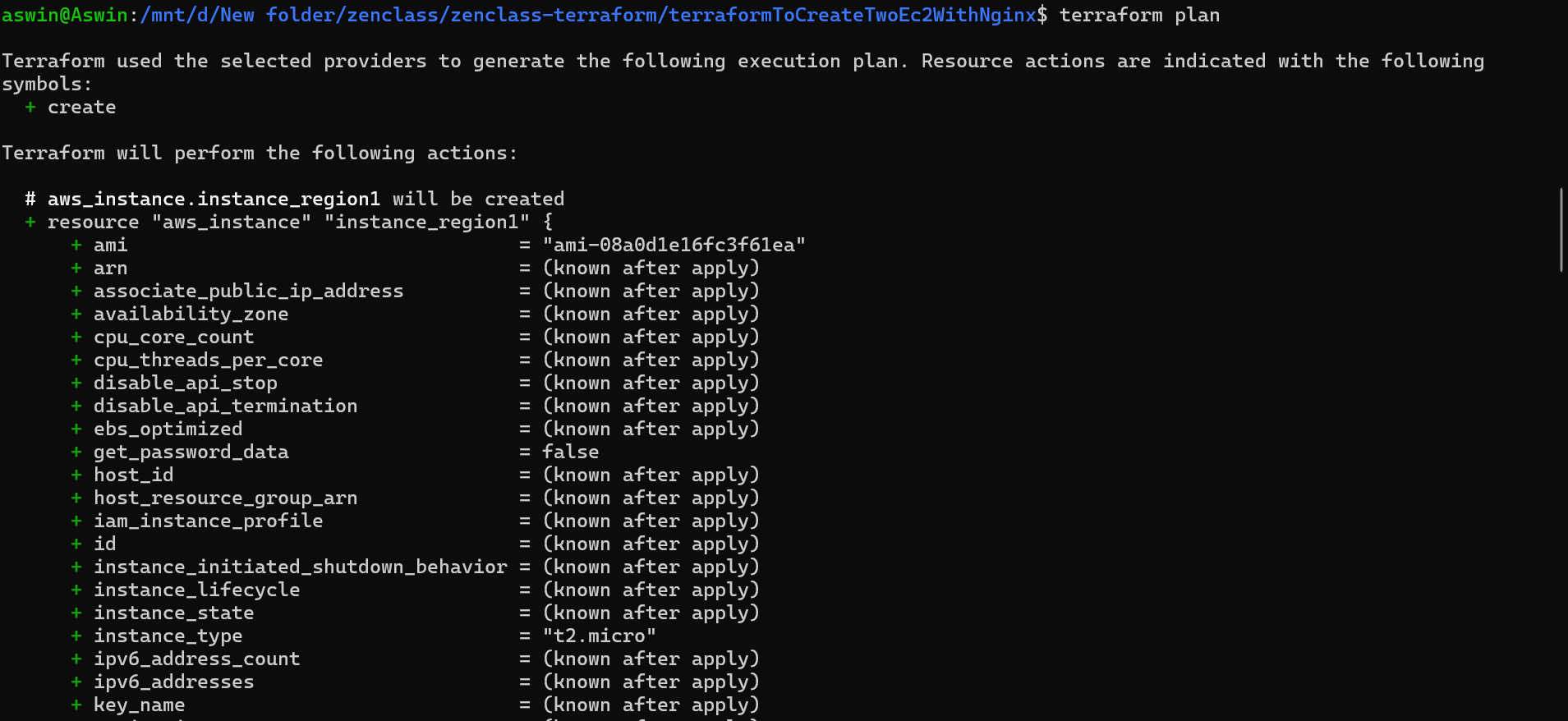
Now initialize the terraform

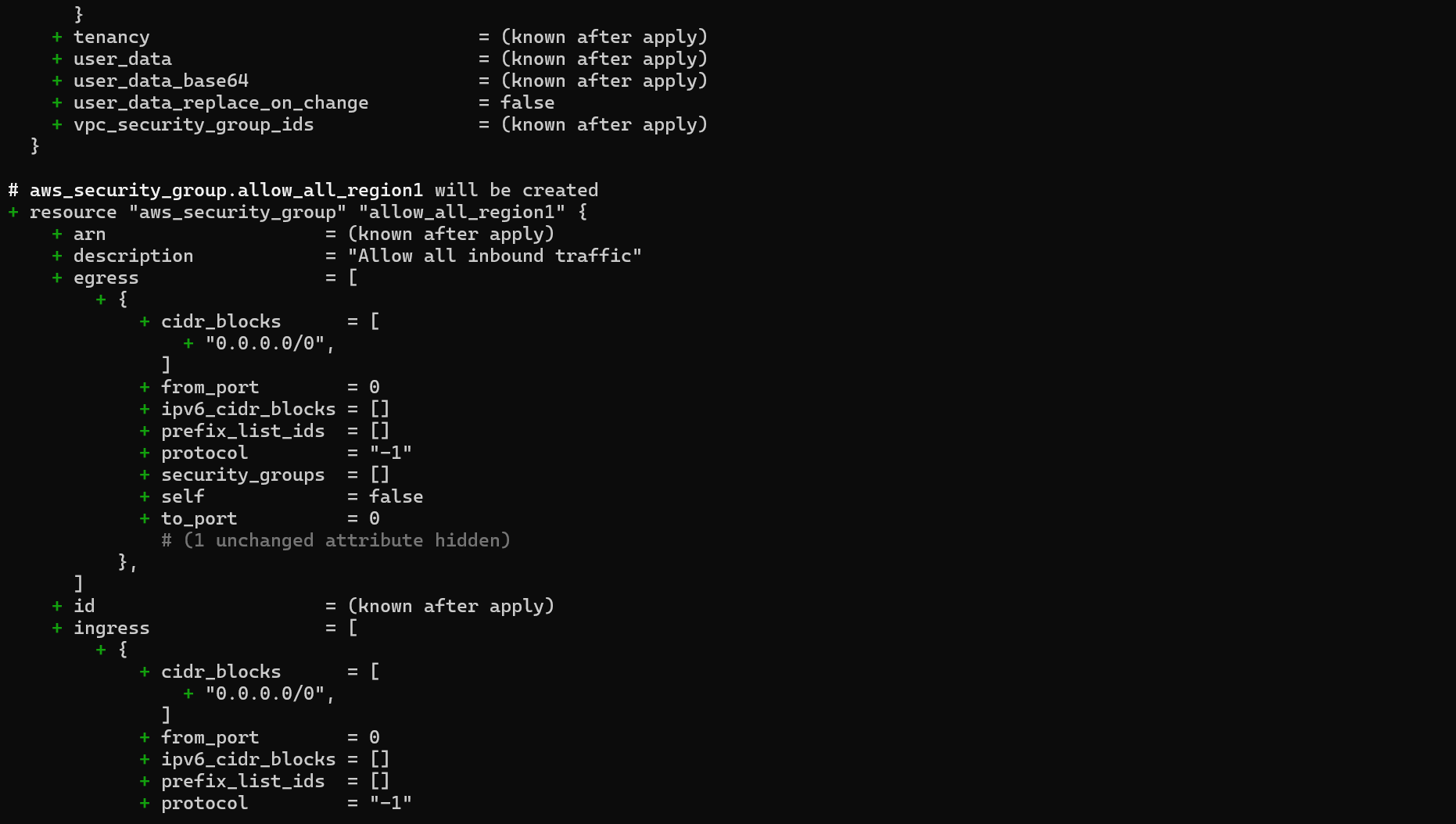


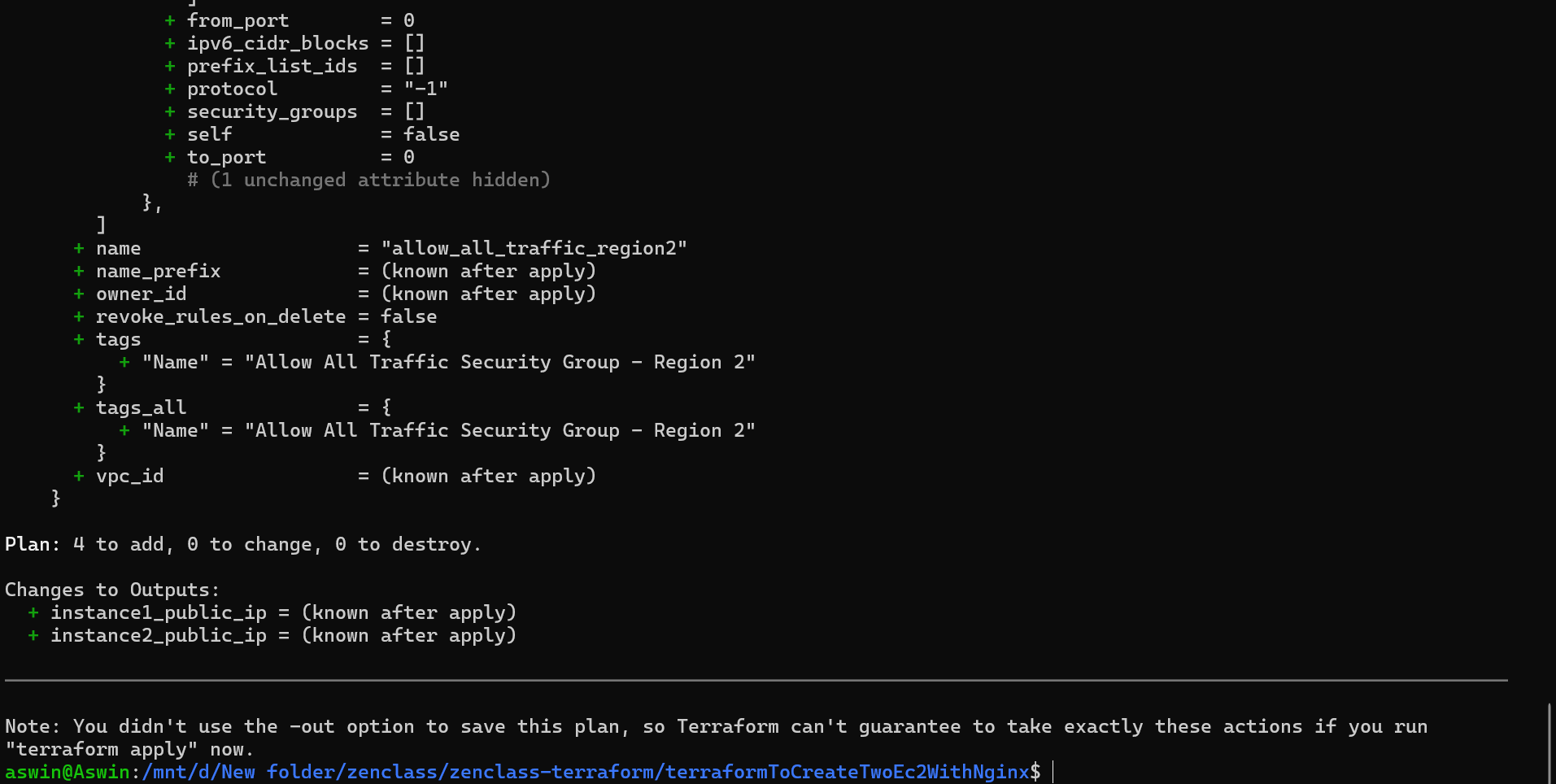
Now just validate it (optional) for recalling all command I used here



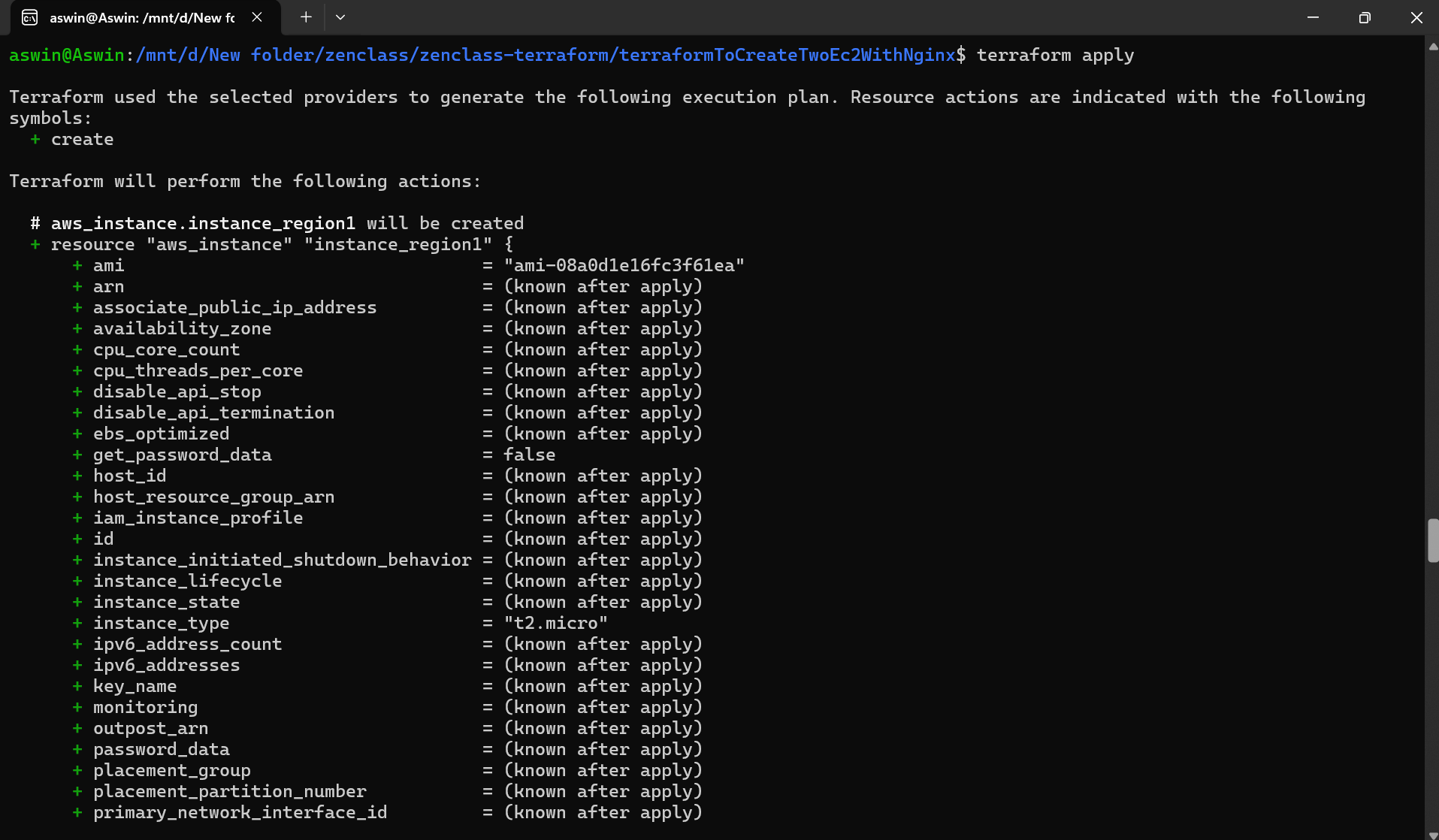
Now check the plan



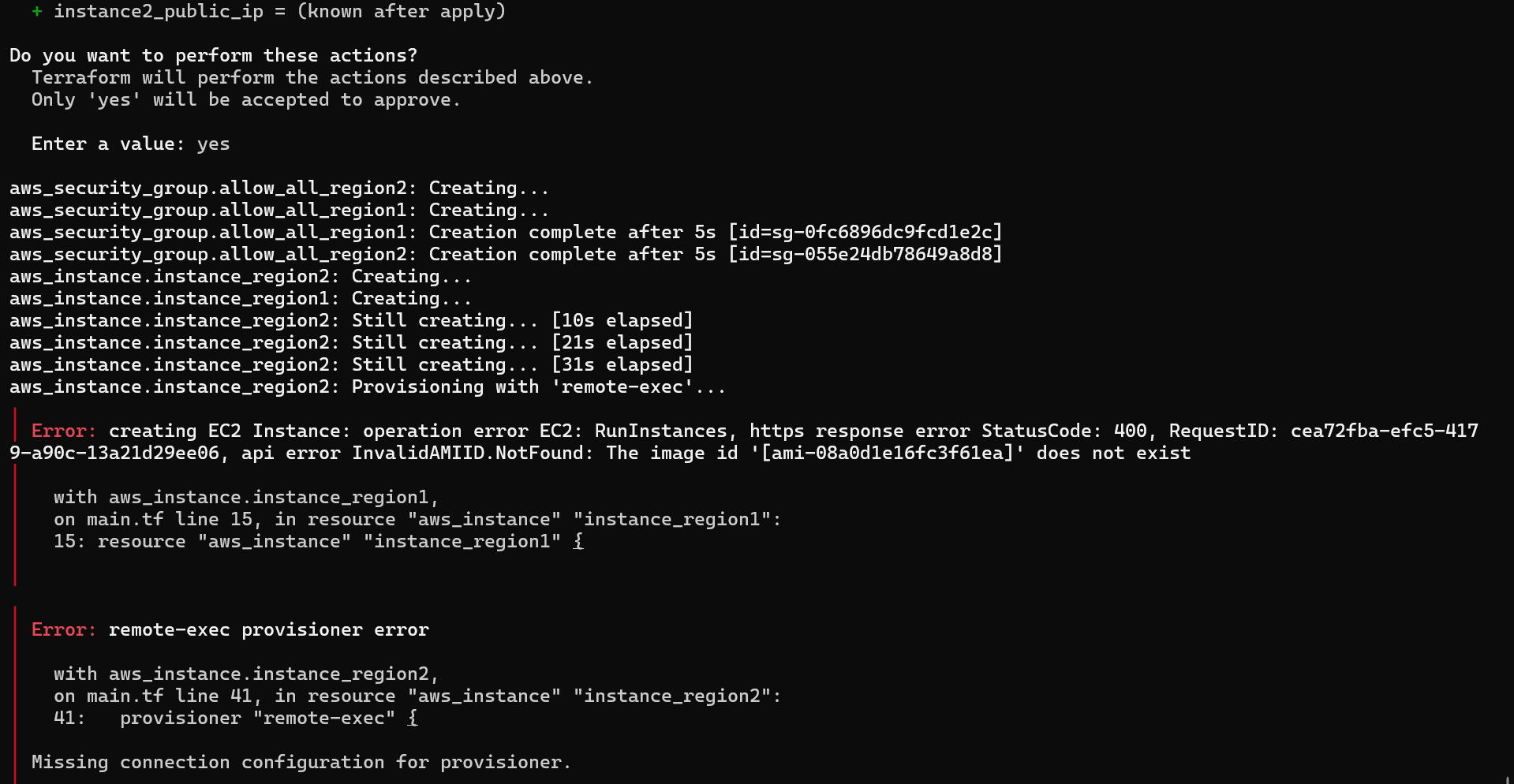




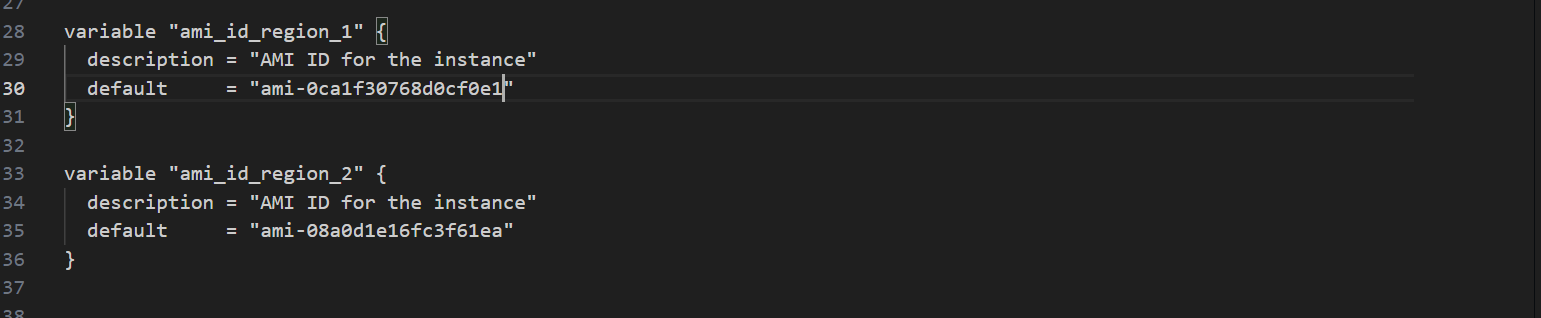
Now will apply the terraform

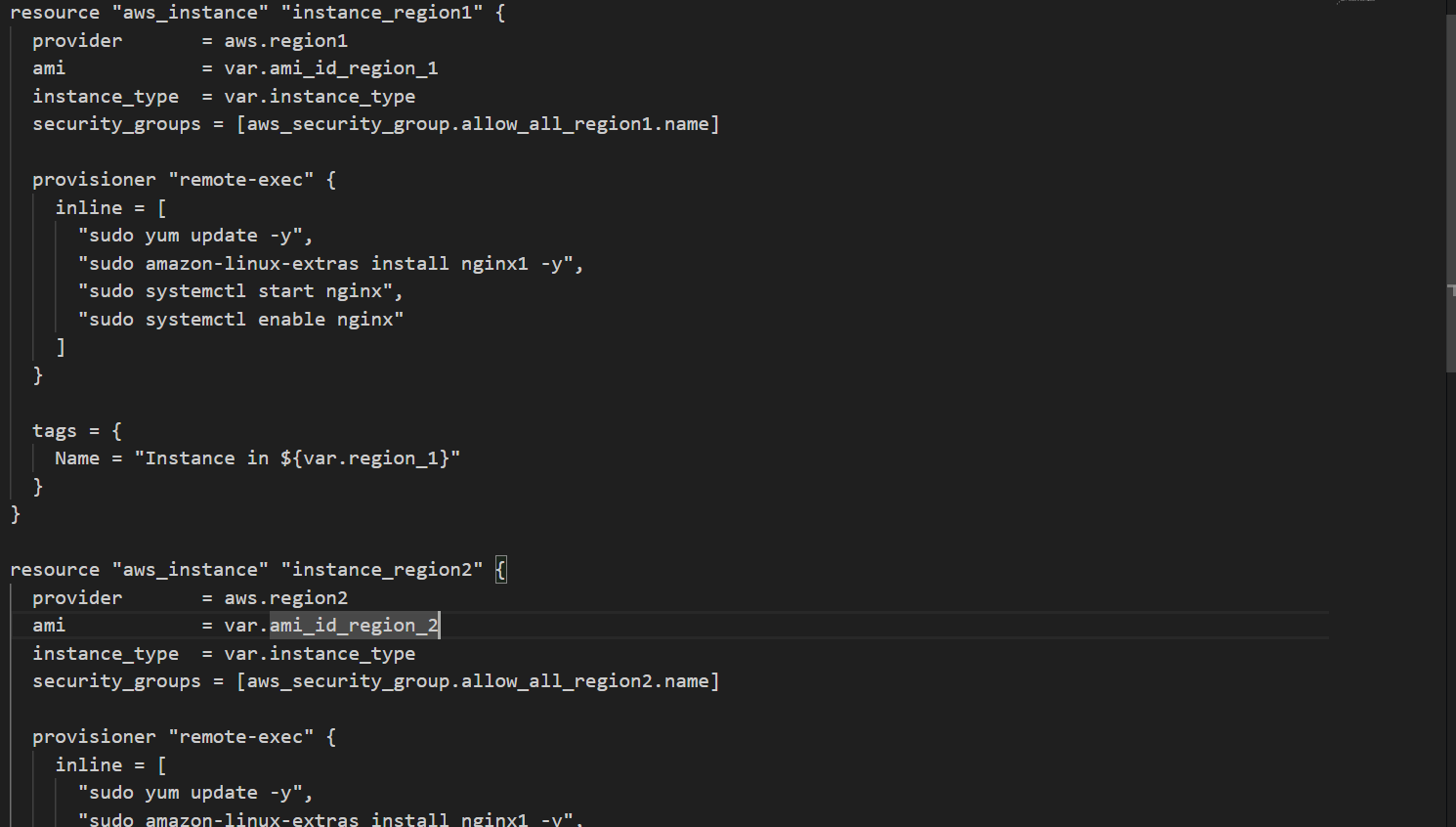


First attempt get error

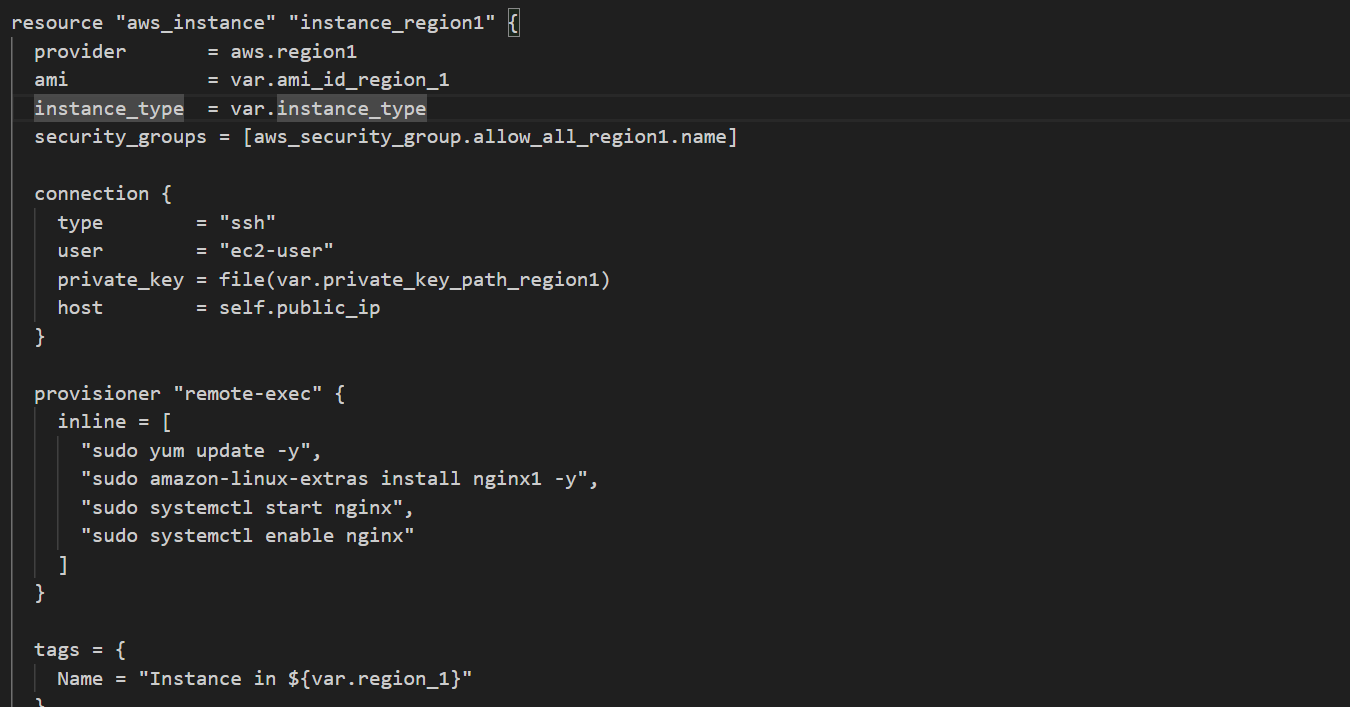


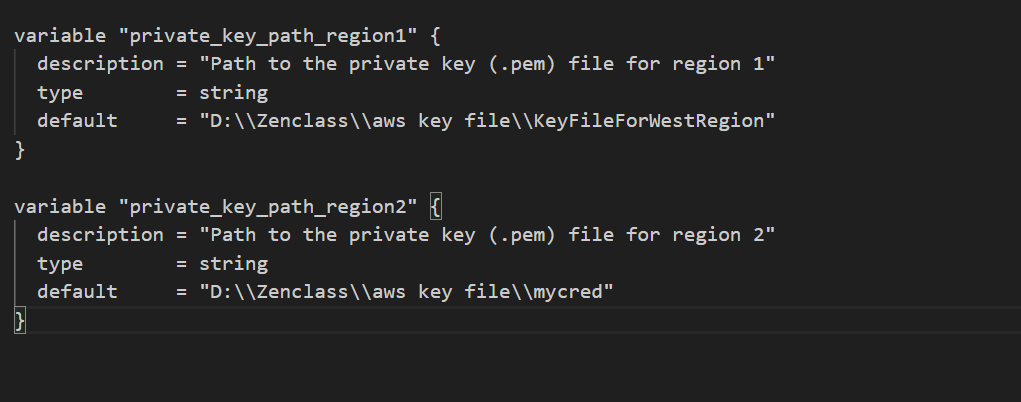
Updated ami id for diff region

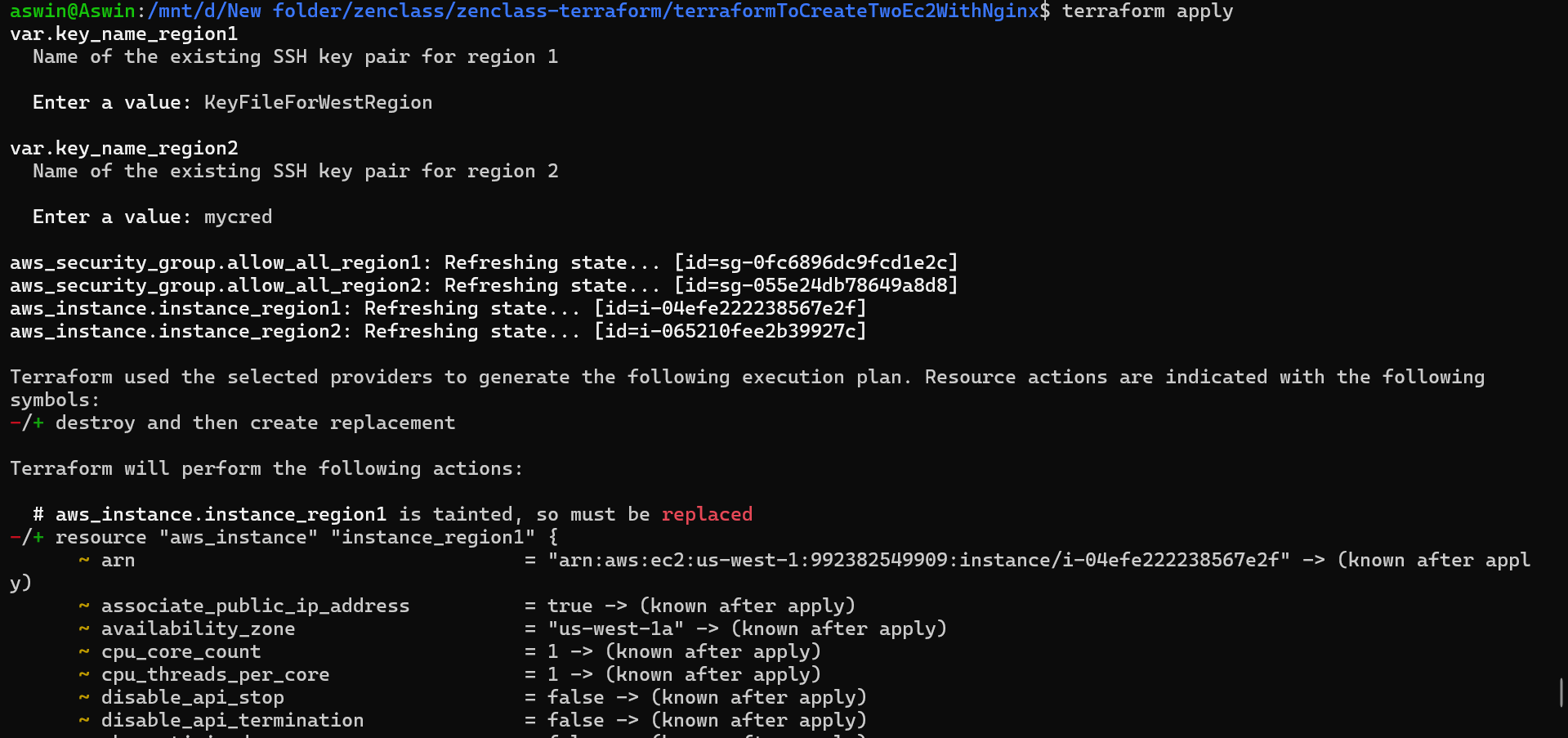


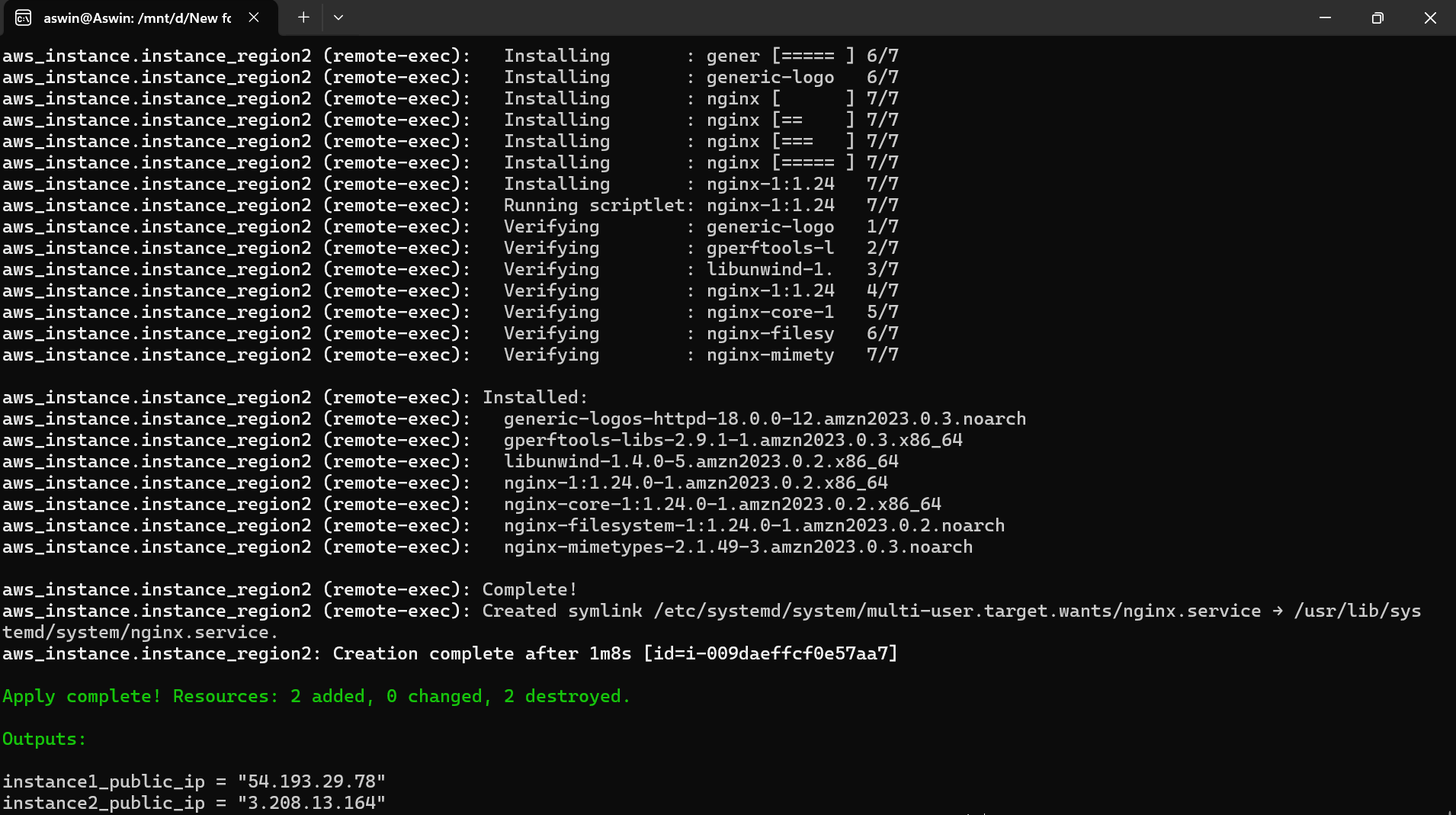


Solution for second error added ssh authentication

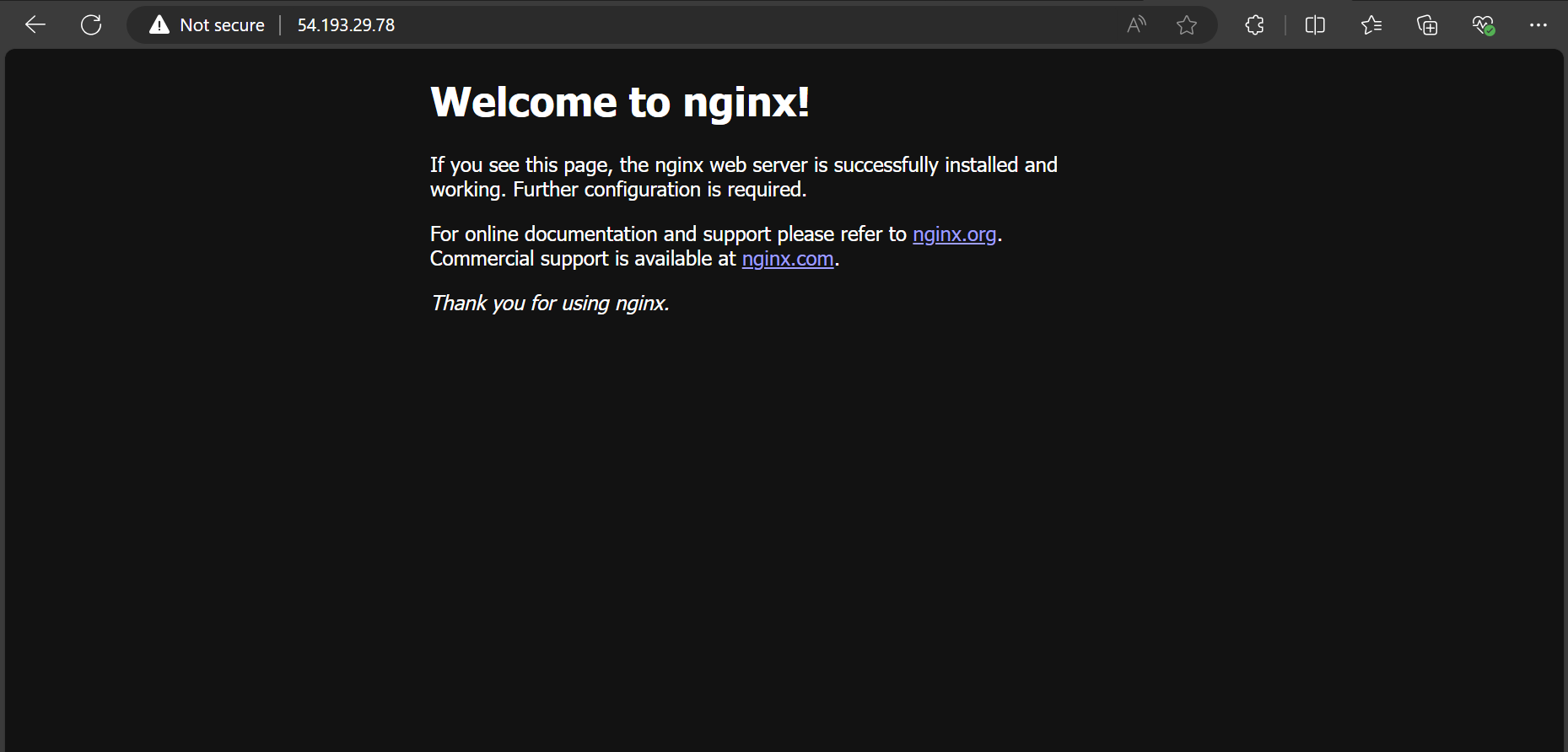




Now Applying the changes



Nginx installed successfully in region 1



Nginx installed successfully in region2

