Student: Anne O’Brien

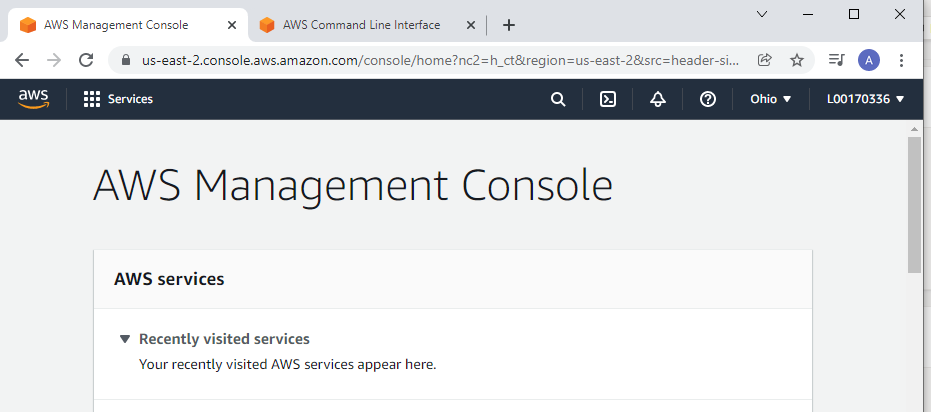
Student ID: L00170336

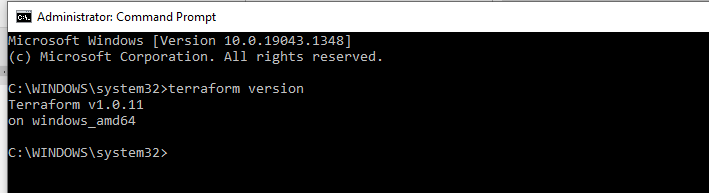
Course: BSc Data Centre Management

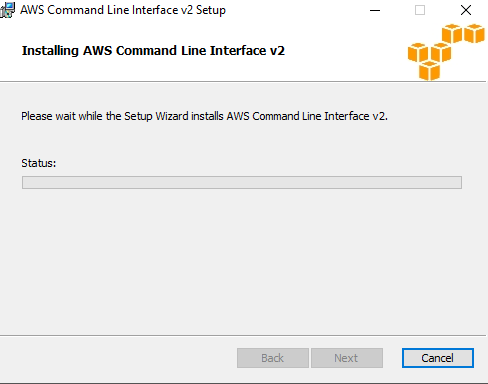
Module: OOP

Question 7 Terraform

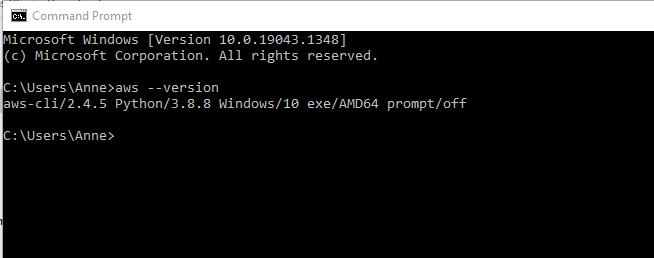
1. I created an account on AWS.



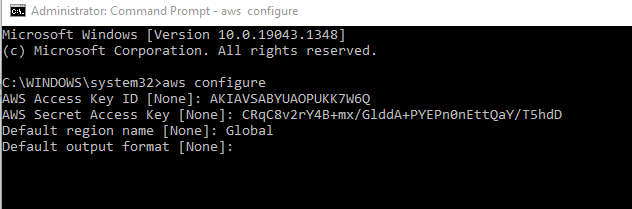
1. I installed Terraform on my Windows PC, ensuring to edit the path variable.
2. I installed AWS CLI



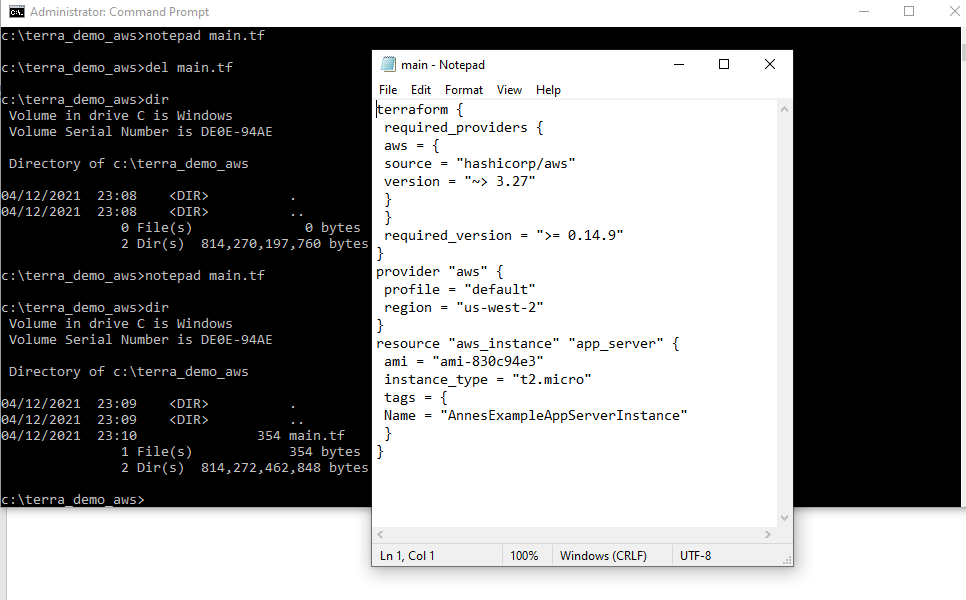
1. I ran a command to check the version, to ensure that AWS CLI had installed correctly.



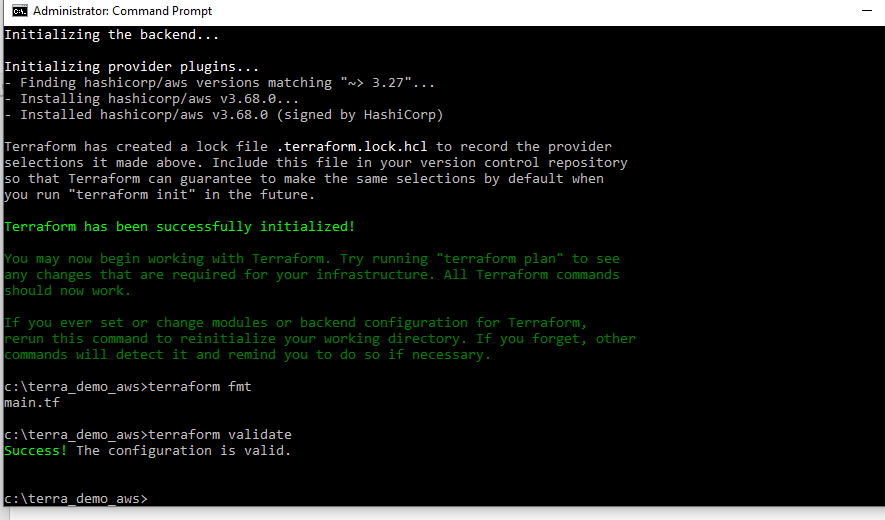
1. I configured my aws account and entered the key



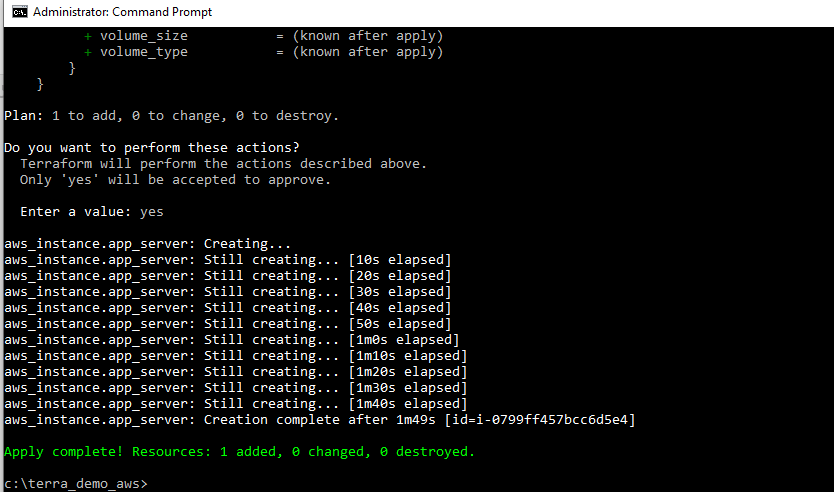
1. I created a new directory and a new file.



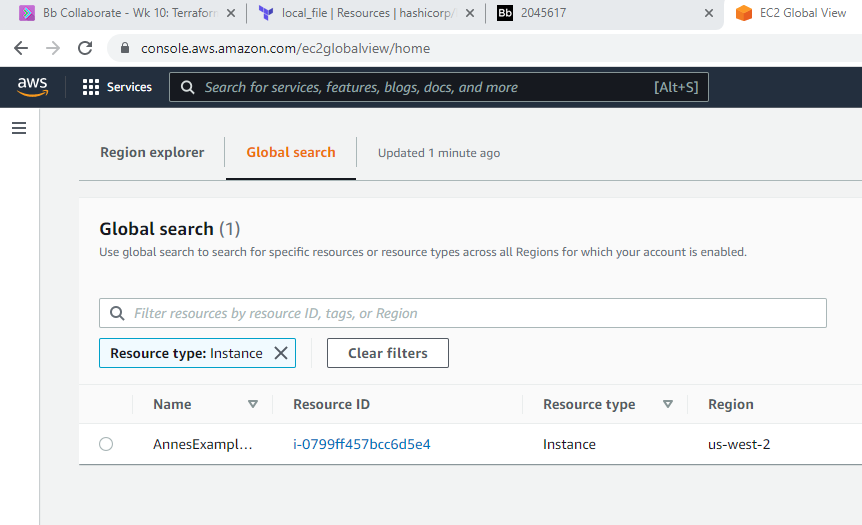
1. I initialised, formatted and validated Terraform:



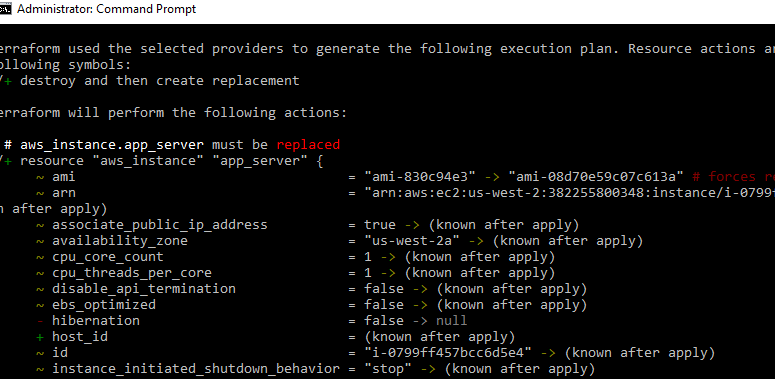
1. I created the new instance:



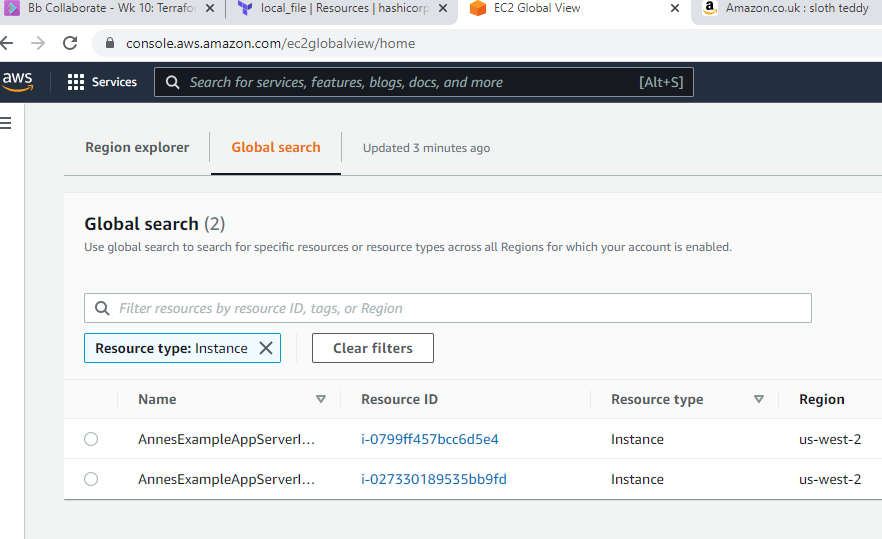
1. My Instance has been created



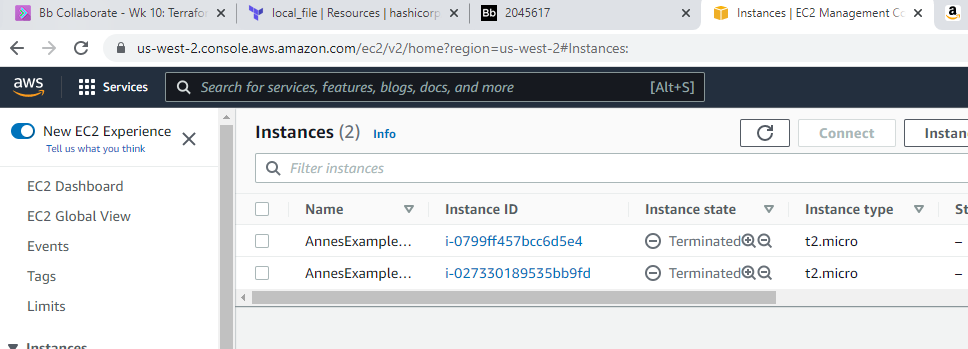
1. I amended the file and ran the command terraform plan



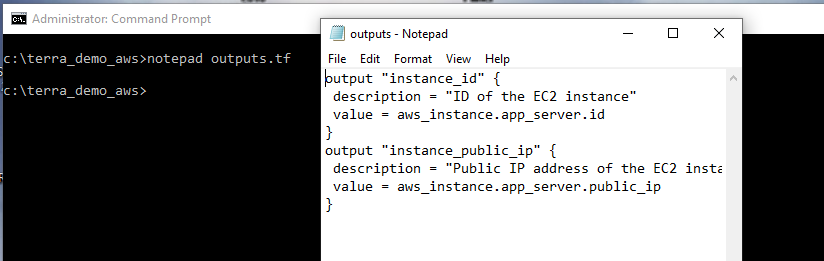
1. I now have 2 instances although I do not have the column to show that one of them is terminated. I later found that area in AWS where I could see the instances were both terminated (next screenshot).



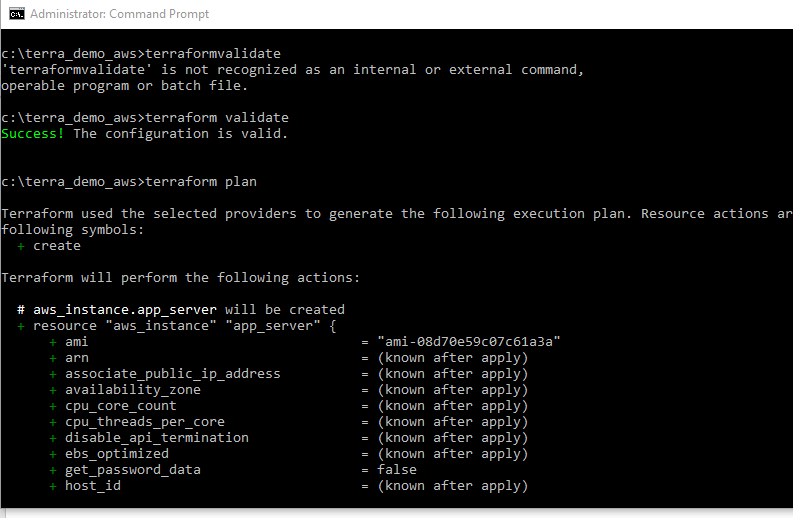
1. I ran the terraform destroy command and terminated both instances.

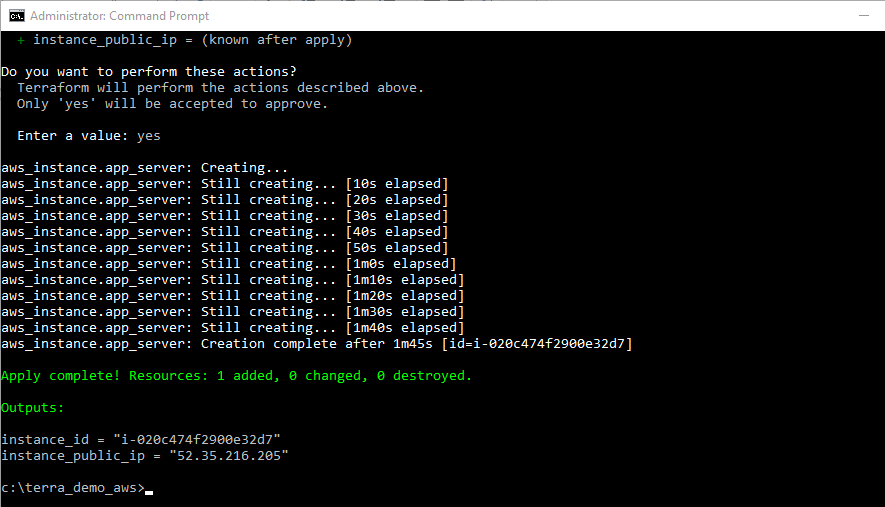


1. I created a new file called outputs.tf



1. I ran terraform validate, plan and apply and the instance was created.





1. My Instances has been created in AWS as per screen shot below. I will terminate it now:

