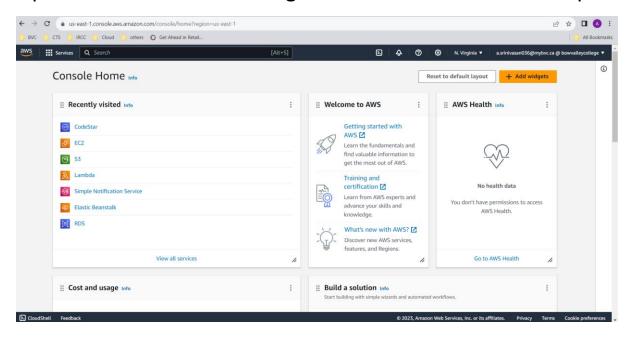
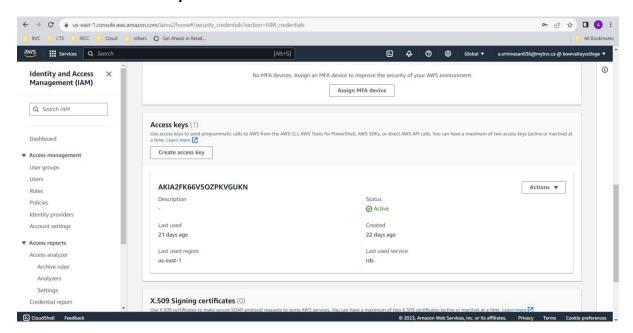
Inclass Exercise - Hosting static website in S3 with Modularity using Terraform (CLCM3504)

Open the AWS console and get the aws credentials in the profile.

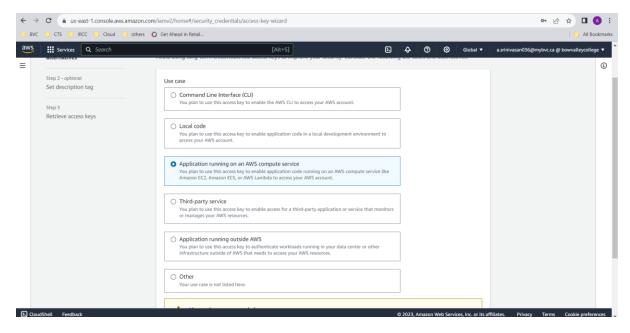


Create access key for the connection.

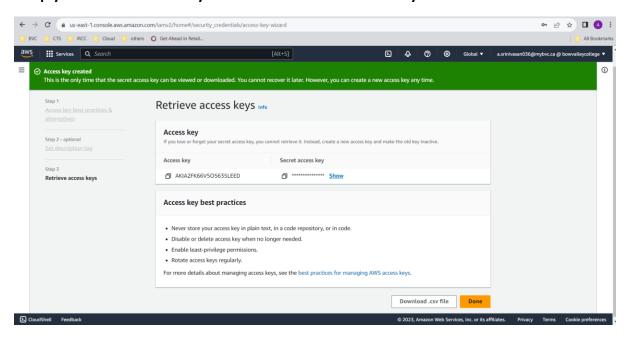


Classification: General

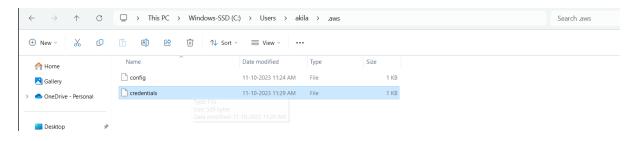
Click the application running on an AWS compute service.



Copy the access key and secret access key.



Now open the credentials and paste the access key and secret access key and save.



Classification: General

Now open the command prompt and give the command "aws configure" and paste the credentials which you have copied. And to initiate the terraform by giving "terraform init"

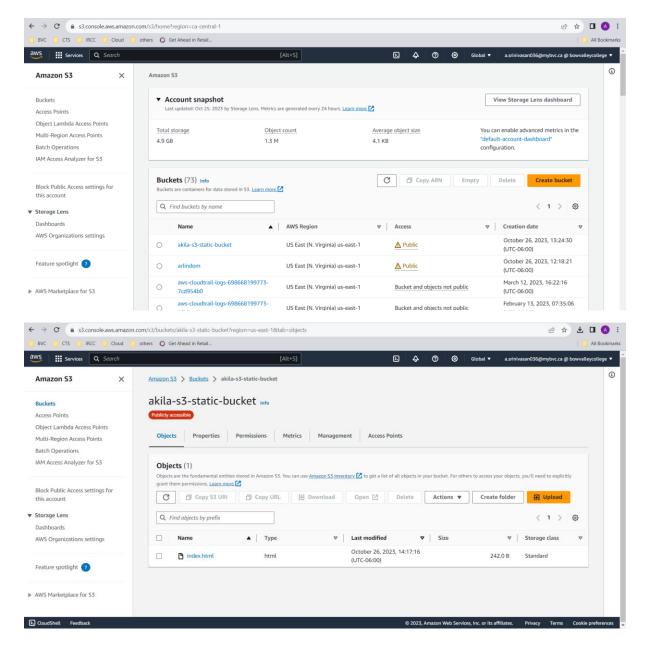
After that "terraform Plan"

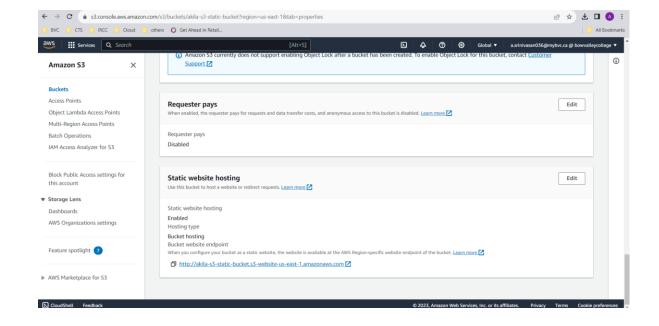
Then give "terraform apply"

```
Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these actions if you run "terraform apply" now.

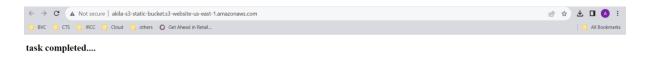
C:\Users\akita\Desktop\BVC\in-class assignments\s2 with modularity>terraform apply
ams_35_bbject.object: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_akita_as_3_static_bucket: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_subsit_configuration.akita_s3_static_bucket: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_public_access_block.akita_s3_static_bucket: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_public_access_block.akita_s3_static_bucket: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_policy.akita_s3_static_bucket: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_policy.akita_s3_static_bucket: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_policy.akita_s3_static_bucket: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_acl.akita_s3_static_bucket: Refreshing state... [id=akita=3-static-bucket]
ams_35_bucket_acl.akita_s3_static_bucket_acl.akita_s3_static_bucket_acl.akita_s3_stati
```

Here we can see the bucket has created





Here is the website which we have in the index.html



Destroy the bucket using "terraform destroy"

```
Command Prompt
          kev
                                        = "index.html" -> null
          metadata = {} -> null
server_side_encryption = "AES256" -> null
                                      = "./html/index.html" -> null
                                       = "STANDARD" -> null
          storage_class
                                       = {} -> null
= {} -> null
          tags
          tags_all
Plan: 0 to add, 0 to change, 7 to destroy.
Changes to Outputs:
                              = "akila-s3-static-bucket.s3-website-us-east-1.amazonaws.com" -> null
     bucket_endpoint
     domain_name = "akila-s3-static-bucket" -> null
website_bucket_name = "akila-s3-static-bucket" -> null
Do you really want to destroy all resources?
  Terraform will destroy all your managed infrastructure, as shown above.
There is no undo. Only 'yes' will be accepted to confirm.
  Enter a value: ves
aws_s3_bucket_website_configuration.akila_s3_static_bucket: Destroying... [id=akila-s3-static-bucket]
aws_s3_bucket_acl.akila_s3_static_bucket: Destroying... [id=akila-s3-static-bucket,public-read]
aws_s3_bucket_policy.akila_s3_static_bucket: Destroying... [id=akila-s3-static-bucket]
aws_s3_object.object: Destroying... [id=index.html]
aws_s3_bucket_acl.akila_s3_static_bucket: Destruction complete after 0s
aws_s3_bucket_ownership_controls.akila_s3_static_bucket: Destroying... [id=akila-s3-static-bucket]
aws_s3_object.object: Destruction complete after 0s
aws_s3_bucket_website_configuration.akila_s3_static_bucket: Destruction complete after 0s
aws_s3_bucket_policy.akila_s3_static_bucket: Destruction complete after 0s
aws_s3_bucket_public_access_block.akila_s3_static_bucket: Destroying... [id=akila-s3-static-bucket]
aws_s3_bucket_public_access_block.akila_s3_static_bucket: Destruction complete after 1s
aws_s3_bucket_ownership_controls.akila_s3_static_bucket: Destruction complete after 1s
aws_s3_bucket.akila_s3_static_bucket: Destroying... [id=akila-s3-static-bucket]
aws_s3_bucket.akila_s3_static_bucket: Destruction complete after 0s
Destroy complete! Resources: 7 destroyed.
C:\Users\akila\Desktop\BVC\in-class assignments\s3 with modularity>
```

Reflection:

In my case initially I have missed the object configuration in s3 so because of this the bucket is created but the object is not pushed into the bucket. After gone through the official documentation I have learnt that "Resource: aws_s3_bucket_object" after adding this I have got the output and this is what I have learned.