## **UNIT 5.5(B) GRADED ASSIGNMENT**

# **Group members**

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### **UNIT 5.5(B) GRADED ASSIGNMENT**

#### Task:

Make a module of yesterday's task, name it "s3\_module". Pass bucket name to the module using variable "bucket\_name". Use the returned "s3\_bucket" variable to add "day2/laC/" directory to this bucket in the main module.

### **Solution:**

#### main.tf:

In the above file, we are simply creating a module named s3\_module and we are giving Assignment-5a as a source and we are giving bucket name as ifra-saleem-bucket. It will simply create a bucket using the commands present in Assignment-5a and then inside that bucket, it will make a directory day2 and inside day2 another directory will be created named IaC.

```
(base) all@localhost:-/Downloads/Assignment-5%$ terraform init

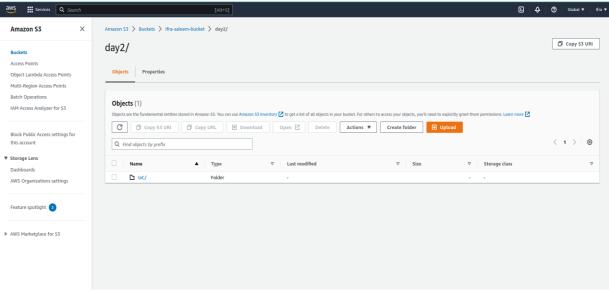
Initializing the backend...
Initializing modules...
- s3_module in ../Assignment-5a

Initializing provider plugins...
- Reusing previous version of hashicorp/aws from the dependency lock file
- Using previously-installed hashicorp/aws v4.67.0

Terraform has been successfully initialized!

You may now begin working with Terraform. Try running "terraform plan" to see any changes that are required for your infrastructure. All Terraform commands should now work.

If you ever set or change modules or backend configuration for Terraform, rerun this command to reinitialize your working directory. If you forget, other commands will detect it and remind you to do so if necessary.
```



```
Plan: 0 to add, 0 to change, 2 to destroy.

Warning: Argument is deprecated

with aws_s3_bucket_object.directory,
on main.tf line 13, in resource "aws_s3_bucket_object" "directory":
13: key = "day2/IaC/"

Use the aws_s3_object resource instead

(and one more similar warning elsewhere)

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: yes

aws_s3_bucket_object.directory: Destroying... [id=day2/Iac/]
aws_s3_bucket_object.directory: Destroying... [id=fra-saleem-bucket]
module.s3_module.aws_s3_bucket.my_bucket: Destroying... [id=fra-saleem-bucket]
module.s3_module.aws_s3_bucket.my_bucket: Destruction complete after 1s
```