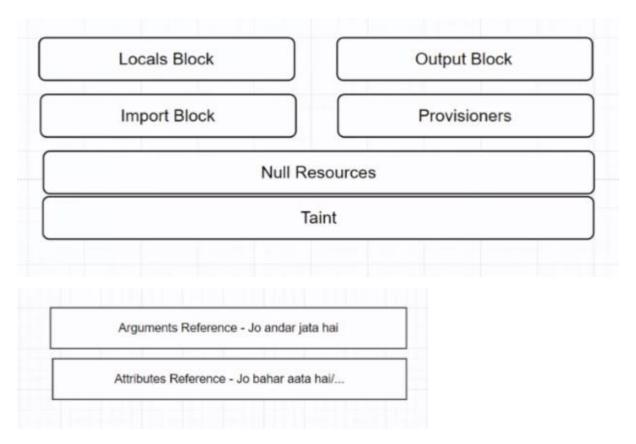
19 October



AGENDA – Locals block

- 1) SEARCH terraform functions i.e. merge
- 2) Using merge function

```
EXPLORER
Ф
                                              LocalsBlock > 🍟 main.tf > ધ resource "azurerm_storage_account" "stg"

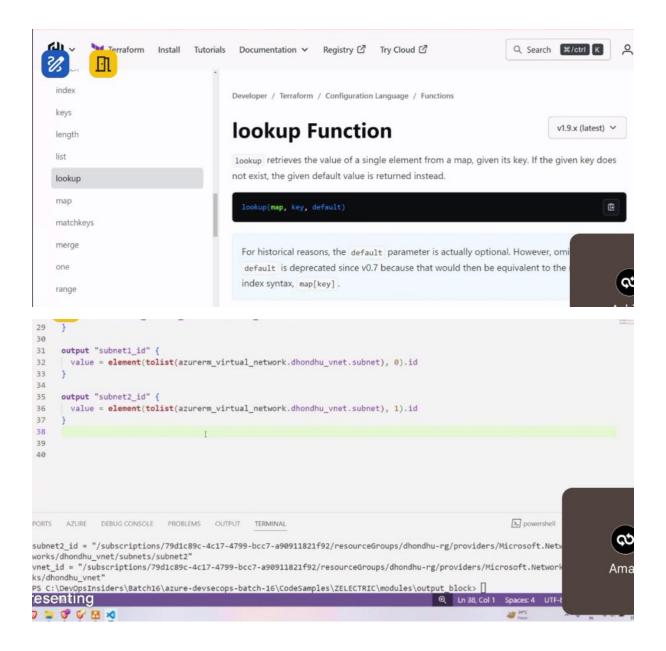
∨ LocalsBlock

                                                     locals {
         main.tf
                                                      common_tags = {
         rovider.tf
                                                        app_code = var.app_code
cost_center = var.cost_center
environment = var.environment
app_id = var.app_id
         rterraform.tfvars
₫
留
                                                     st_tags = {
brand = "adidas"
 Y
                                                     resource "azurerm_resource_group" "rg" {
                                                               = var.rg_name
                                                                  = local.common tags
                                                     resource "azurerm_storage_account" "stg" {
                                                       name
                                                                                     = var.st_name
                                                       location
                                                                                = azurerm_resource_group.rg.location
= azurerm_resource_group.rg.name
= "standard"
                                                       resource_group_name
                                                       account_tier
                                                       account_replication_type = "LRS"
                                                       tags = merge (local.common_tags, local.st_tags) #using merge terraform function
(2)
र्द्ध > OUTLINE
                                                                                     = "${var.rg_name}-vnet"
                                                        location
                                                                                     = azurerm_resource_group.rg.location
      > TIMELINE
 × 0 ∆ 0 ⊗ o
                                                                                                                                                           Ln 35, Col 82
```

AGENDA - output block

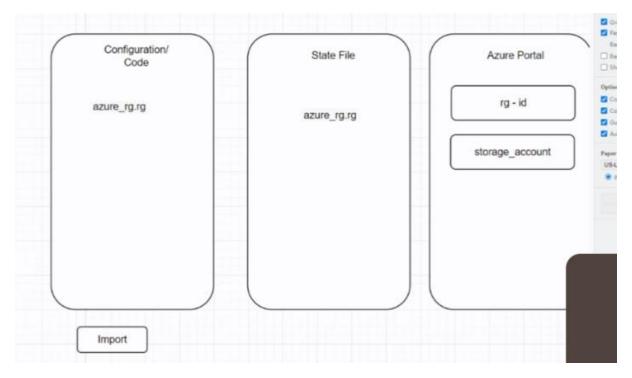
1) id of created rg shown by using output block

```
main.tf × provider.tf
  maje # \ & output "mere_rg_ka_id"
       urce "azurerm_resource_group" "main" {
me = "dhondhu-rg"
        location = "eastus"
   4 }
        output "mere_rg_ka_id" {
    6
        value = azurerm_resource_group.main.id
    8
  PORTS AZURE DEBUG CONSOLE PROBLEMS OUTPUT TERMINAL
                                                                                                        2 po
   Enter a value: yes
  azurerm_resource_group.main: Creating...
  azurerm_resource_group.main: Still creating... [10s elapsed]
  azurerm_resource_group.main: Creation complete after 13s [id=/subscriptions/79d1c89c-4c17-4799-bcc7-a90911821
  Apply complete! Resources: 1 added, 0 changed, 0 destroyed.
  Outputs:
  mere_rg_ka_idT = "/subscriptions/79d1c89c-4c17-4799-bcc7-a90911821f92/resourceGroups/dhondhu-rg"
  PS C:\DevOpsInsiders\Batch16\azure-devsecops-batch-16\CodeSamples\ZELECTRIC\modules\output_block>
presenting
                                                                                       ⊕ Lin 6, Col 14 Spaces
 0 = 0 W H X
```

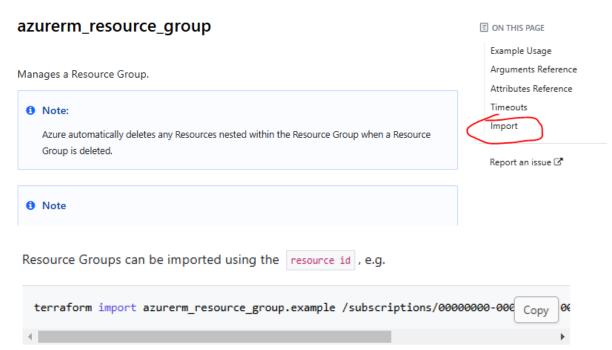


ASSIGNMENT – EK MAP ME FOR EACH LAGAKE RG ME PRINT KARAKE KAISE OUTPUT BLOCK banayeege agar for each laga denge

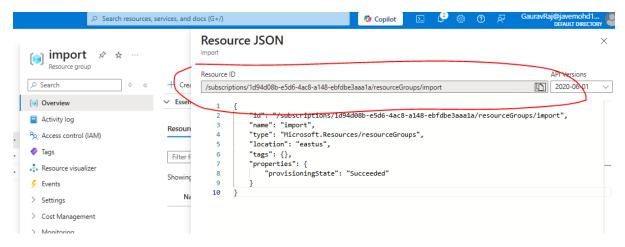
<u>AGENDA – TERRAFORM IMPORT</u>



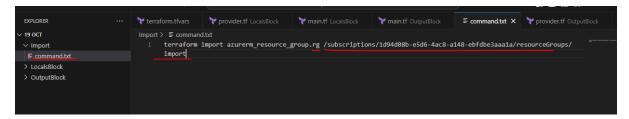
- 1) Import command only works on our state file
- 2) Search azurerm_resource_group and look for import command



- 3) Create rg import on portal directly.
- 4) On json view



5) In VS CODE



6) Go to that directory and run command

terraform import azurerm_resource_group.rg /subscriptions/1d94d08b-e5d6-4ac8-a148-ebfdbe3aaa1a/resourceGroups/import

- 7) Now terraform.tfstate file is created which contains code
- 8) Add below from json view

9) Terraform plan

```
PS C:\19 Oct\Import> terraform plan
azurerm_resource_group.rg: Refreshing state... [id=/subscriptions/1d94d08b-e5d6-4ac8-a148-ebfdbe3aaa1a/resourceGroups/import]

No changes. Your infrastructure matches the configuration.

Terraform has compared your real infrastructure against your configuration and found no differences, so no changes are needed.

PS C:\19 Oct\Import> [
```

No changes means that everything is in equilibrium now

10) Now suppose adding tags so it will show as below.

```
日日の日日
              Import > 🍟 main.tf > 😭 resource "azurerm_resource_group" "rg"
                      resource "azurerm_resource_group" "rg" {
                          name = "import"
                          location = "eastus"
                          tags = {
                            app_code = "pehla"
               PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
                       id
                                  = "/subscriptions/1d94d08b-e5d6-4ac8-a148-ebfdbe3aaa1a/resourceGroups/import"
                                 = "import"
                       name
                         ags = {
+ "app_code" = "pehla"
                     ~ tags
               Plan: 0 to add, 1 to change, 0 to destroy.
               Note: You didn't use the -out option to save this plan, so Terraform can't guarantee to take exactly these action
               PS C:\19 Oct\Import>
```

11) Another method – terraform import block – Do by own(1.38)

Command – terraform plan –generate-config-out=generated.tf

AGENDA – Lifecycle block

1) When we remove code then also after doing terraform apply resource should not get deleted from azure portal

AGENDA – taint

Provisioners	
Null Resources	
Taint - Next apply me recreate	
Lifecycle Block	
Workspaces	