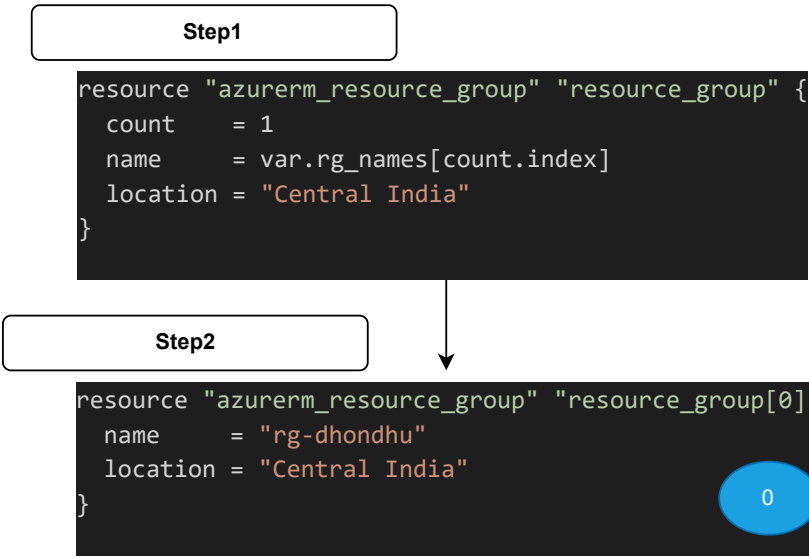


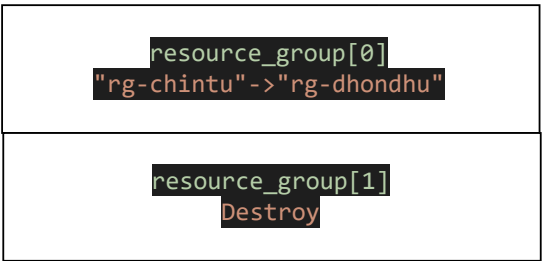
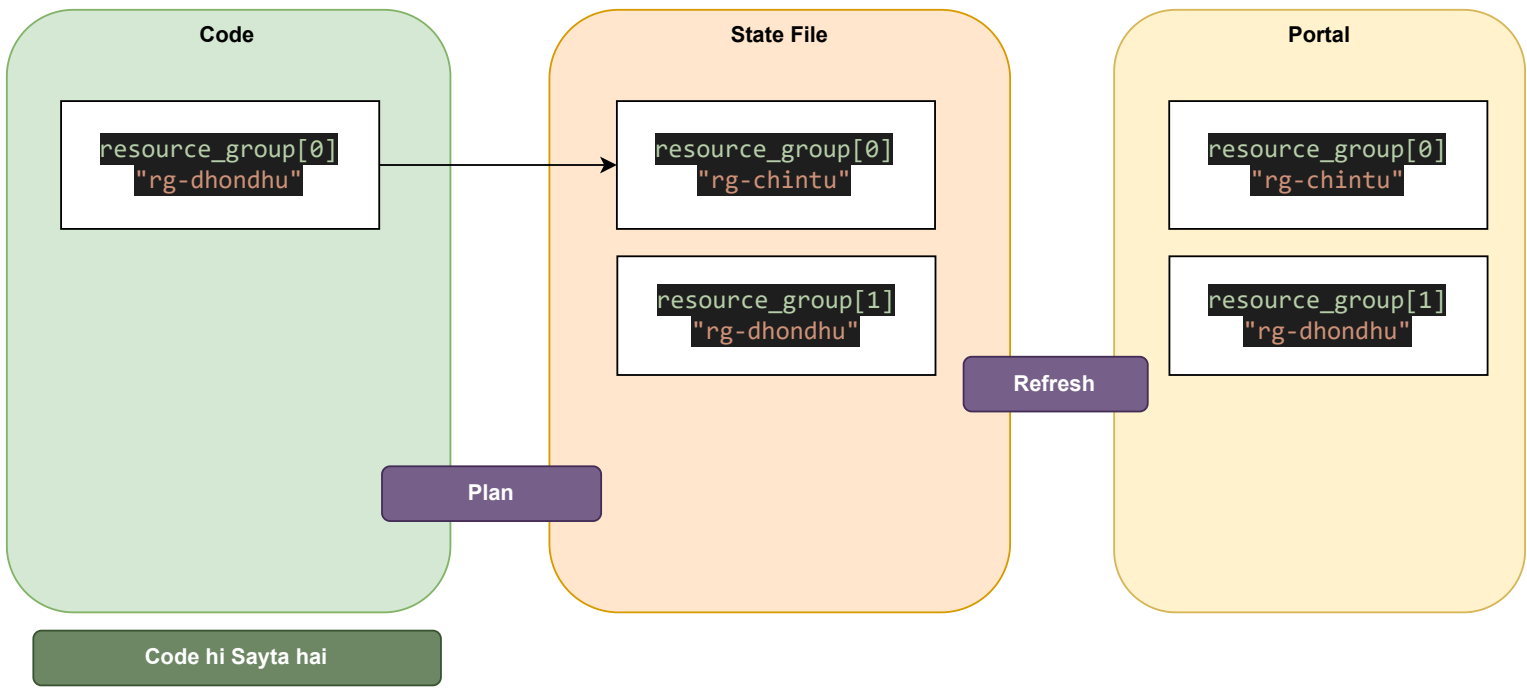
```
rg_names = ["rg-dhondhu"]

resource "azurerm_resource_group" "resource_group" {
  count = length(var.rg_names)
  name  = var.rg_names[count.index]
  location = "Central India"
}
```

Terraform plan



Zero Drift State



Count + List Problems

Banate samay to ban jaega.. Lekin agar koi ek resource delete karna hai toh fatt jaega...

ForEach + List

ForEach + Map

- Requirement = Ek location me 5 Rg banana hai
- Count + List ko solve kar degi lekin ek naya dard leke aaegi...
- Indexing ke karan destroy me dikkat thi toh vo solve ho jaega...
- New Jakhm = Multiple RG in Multiple Location nahi banega!

```
for_each = toset(var.rg_names) Ka hai?
each.value Ka Hai?
```

Aur toset() isliye lagaya, kyunki set mein duplicate nahi hote

✅ each.value — Ye kya cheez hai?

Jab Terraform har item pe kaam kar raha hota hai, tab each.value us **current item ka naam** hota hai.

["Munna", "Circuit", "Lucky"]

- Toh:
- Pehle chakkar mein each.value = "Munna"
 - Dusre mein "Circuit"
 - Teesre mein "Lucky"

If a resource block includes a `for_each` argument whose value is a map or a set of strings, Terraform creates one instance for each member of that map or set.

```
resource "azurerm_resource_group" "bollywood_rgs" {
  for_each = SET OF STRINGS/MAP = "rg-dhondhu", "rg-kondu"
  name     = "rg-123"
  location = "East US"
}
```

Count = Whole Number

For_each = SET OF STRINGS