Q. Create an `n` number of resource groups with the their names formatted as “my- test-candidate-<location>” where <location> comes from a variable called `locations` which is a list of strings (e.g. ["eastus", "westus"]).

**main.tf**

resource "azurerm\_resource\_group" "example" {  
 count = "${length(var.locations)}"  
 name = "my- test-candidate-${element(var.locations, count.index)}"  
 location = "${element(var.locations, count.index)}"  
}

**Var.tf**

variable "locations" {  
 type = list  
 default = [  
 "East US",  
 "West US",  
 "East US2"  
 ]  
}variable "count" {  
 count = "3"  
}