**Lesson 11 Demo 1**

**Implementing Loops with Count**

**Objective:** To implement loops using count function

**Prerequisites:** You need to have Python 2.7 or higher, minimum 8 GB RAM, and SSH or SCP communicator.

**Tools required:** Ubuntu terminal and terraform

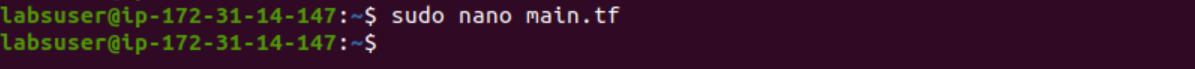
**Steps to be followed:**

1. Creating a main file
2. Executing the main file using loops and count

**Step 1: Creating a main file**

1. Create the main file using the below command:

**sudo nano main.tf**



* 1. Add the following code in it:

**locals {**

**names = ["bob", "kevin", "stewart"]**

**}**

**resource "null\_resource" "names" {**

**count = length(local.names)**

**triggers = {**

**name = local.names[count.index]**

**}**

**}**

**output "names" {**

**value = null\_resource.names**

**}**

Text

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**Step 2: Executing the main file using loops and count:**

* 1. Initiate the terraform using the below command:

**terraform init**

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* 1. Run the main file by using the below command:

**terraform apply**

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We have successfully created three null resources with the attributes: Bob, Kevin, and Stewart.