step 1 : check your vm does not have a tag name for your vm that is created

step 2 : add the below tag section to your code

provider "aws" {

region = "ap-southeast-2"

access\_key = "AKIAZXOZQZJXWHUOPNS4"

secret\_key = "XPxVzcYjCqC6CNTsDtlsJ/McyPekhAu/eAkVI7Fh"

}

resource "aws\_instance" "ajay-server" {

ami = "ami-0567f647e75c7bc05"

instance\_type = "t2.micro"

key\_name = "new-key"

tags = {

Name = "ajay-vm"

}

user\_data = <<-EOF

#!/bin/bash

sudo apt-get update

sudo apt-get install apache2 -y

sudo service apache2 restart

EOF

}

resource "aws\_key\_pair" "ajay-key" {

key\_name = "new-key"

public\_key = "ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAQEAvAKxdxtd0aLk1xGHLDUYlUi70pMKAiJy24FseX2XcGn76BNiARaHYrxotktoMB/KWA0QIltKO504Boq8+qZB1HWhDhom0IyRHAbrrwN30WD1saRDbQ8mmz2Hf6P7tgIah6699xChSfRtS+ik72e340oIv5ZyNVS85UEU8ylw3WVOjOklidzXH5sezvR/9S8jYFYdqGNtUsZia6alx7RdWCB3z4e+Ku9mWub89DfB7+OGnmsAUqvqFYZRGshpmo5ibPAwbRt5RPRrn2fwrW2dKDBKuw6RqAPJ/gbIWHbwqAzAFfGyDqAxyDphXnOU1zarG7reT6GJj5wIkvFOIV1pKQ== rsa-key-20210620"

}

step 3 : run below command to initiate connection to your aws account

terraform init

step 4 : run below command to know what is the terraform going to change in your aws environment

terraform plan

step 5 : run below command to add tag name to your vm notice vm gets tag name now

terraform apply

when prompted enter a value

type yes

step 6 : run the below command to get the details on vm created in your account on terminal

terraform show

step 7 : go and verify on aws dashboard that vm got tag name you specified in the code