School of Computer Science

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

DEHRADUN, UTTARAKHAND

System Monitoring And Configuration Mangement

Lab File

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for

6th Semester

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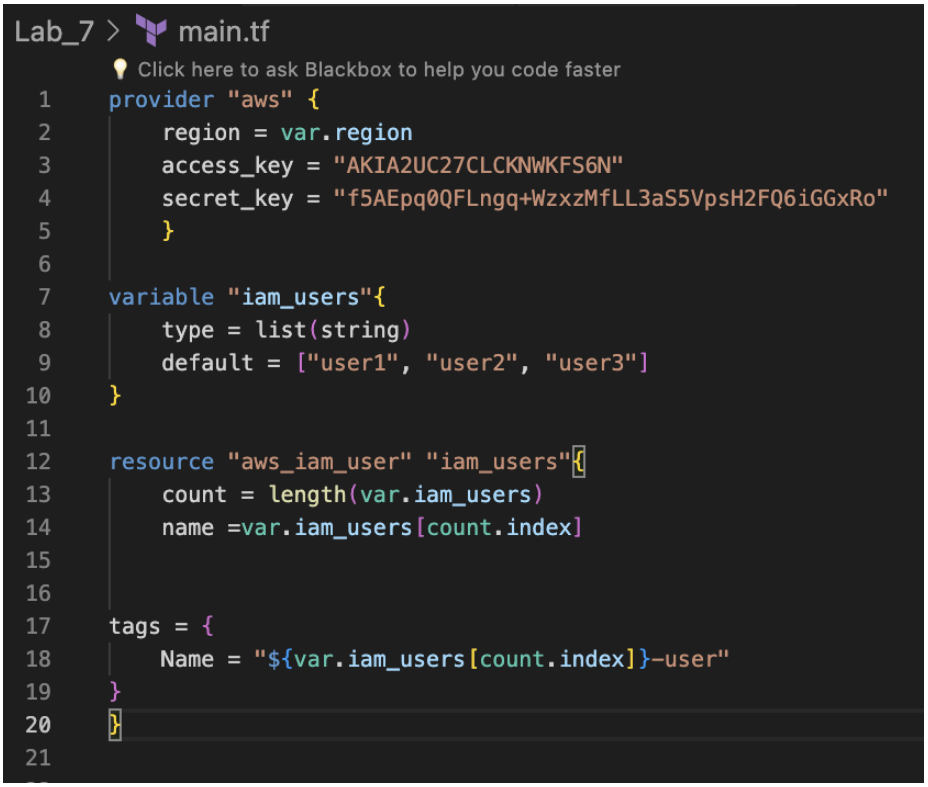
. LAB EXERCISE 7

Aim: Creating Multiple IAM Users in Terraform

Step 1: Create a main.tf file.



Step 2: Create a instance.tf file

Lab_7 > instance.tf

Click here to ask Blackbox to help you code faster

```
resource "aws_instance" "My-instance"{
    instance_type = var.instance_type
    ami = var.ami

    tags = {
        Name = "UPES-EC2-Instance"
    }
}

resource "aws_iam_user" "iam_users"{
    count = length(var.iam_users)
    name =var.iam_users[count.index]

    tags = {
    Name = "${var.iam_users[count.index]}-user"
}
}

```

Step 3: Create a variable.tf file

Lab_7 > variables.tf

Click here to ask Blackbox to help you code faster

```
variable ami {
    type = string
    default = "ami-008fe2fc65df48dac"
}

variable "instance_type"{
    type = string
    default = "t2.micro"
}

variable "iam_users"{
    type = list(string)
    default = ["user1", "user2", "user3"]
}
```

Step 4: Now initializes

Step 5: Now perform validate

Step 6: Now perform the terraform apply

Step 7: Now perform Terraform destroy