1. **AWS console:** IAM : Create a new user : "terraform-admin" + give **admin access (attach AdminAccess policy)** + create access key + download the access key
2. **Terminal :** **aws configure** (AWS Access Key ID, AWS Secret Access Key, json, aws region)
3. **Terminal :** **aws sts get-caller-identity**
4. **Open Github** + new repo : "terraform-class" +.gitignore (terraform) +readme
5. **Terminal :** create a New file in "terraform-class" => **Providers.tf**

```
provider "aws" {
    region = "us-east-1"
}
```

Terminal :
6. cd terraform-class
7. ls : README.md   providers.tf
8. **Terraform init**
9. History
 500 terraform --version
  501 pwd
  502 git clone git@github.com:JildizB/terraform-class.git
  503 cd terraform-class
  504 pwd
  505 terraform init
  506 ls
  507 ls -lha
  508 history

10. Create **main.tf -used all of your resources**
a) Search in google: aws iam user terraform
Main.tf

```
resource "aws_iam_user" "first_user" {
  name = "my-new-user"

  tags = {
    env = "dev"
  }
}
```

```
resource "aws_iam_access_key" "keys" {
  user = aws_iam_user.first_user.name
}
```

11. **terraform validate**

12. **terraform plan**

13. **terraform plan**
14. Check in the aws console - the new user has been created with the tag "env" =dev
15. Terminal: **terraform destroy**