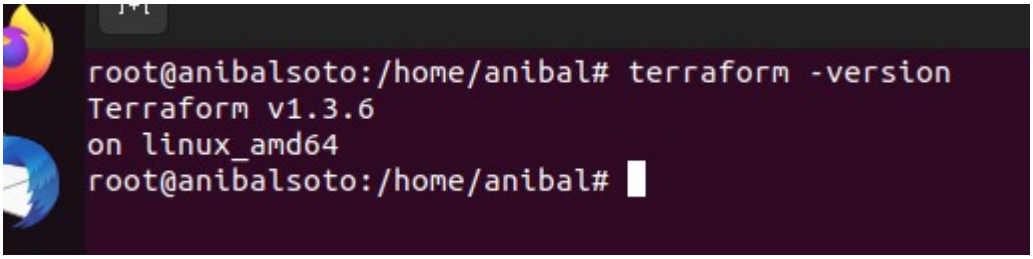
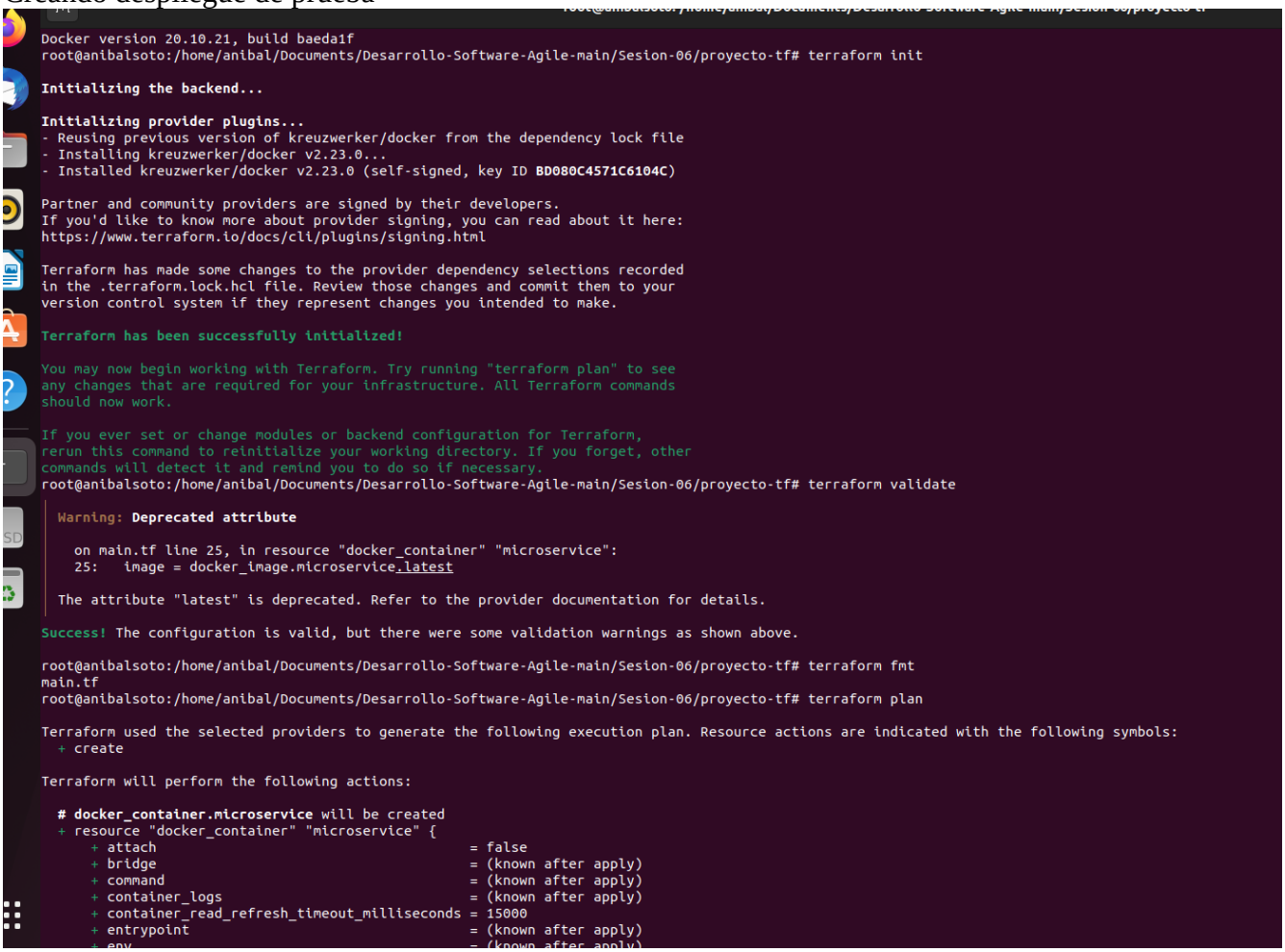
Evidencia de terraform local

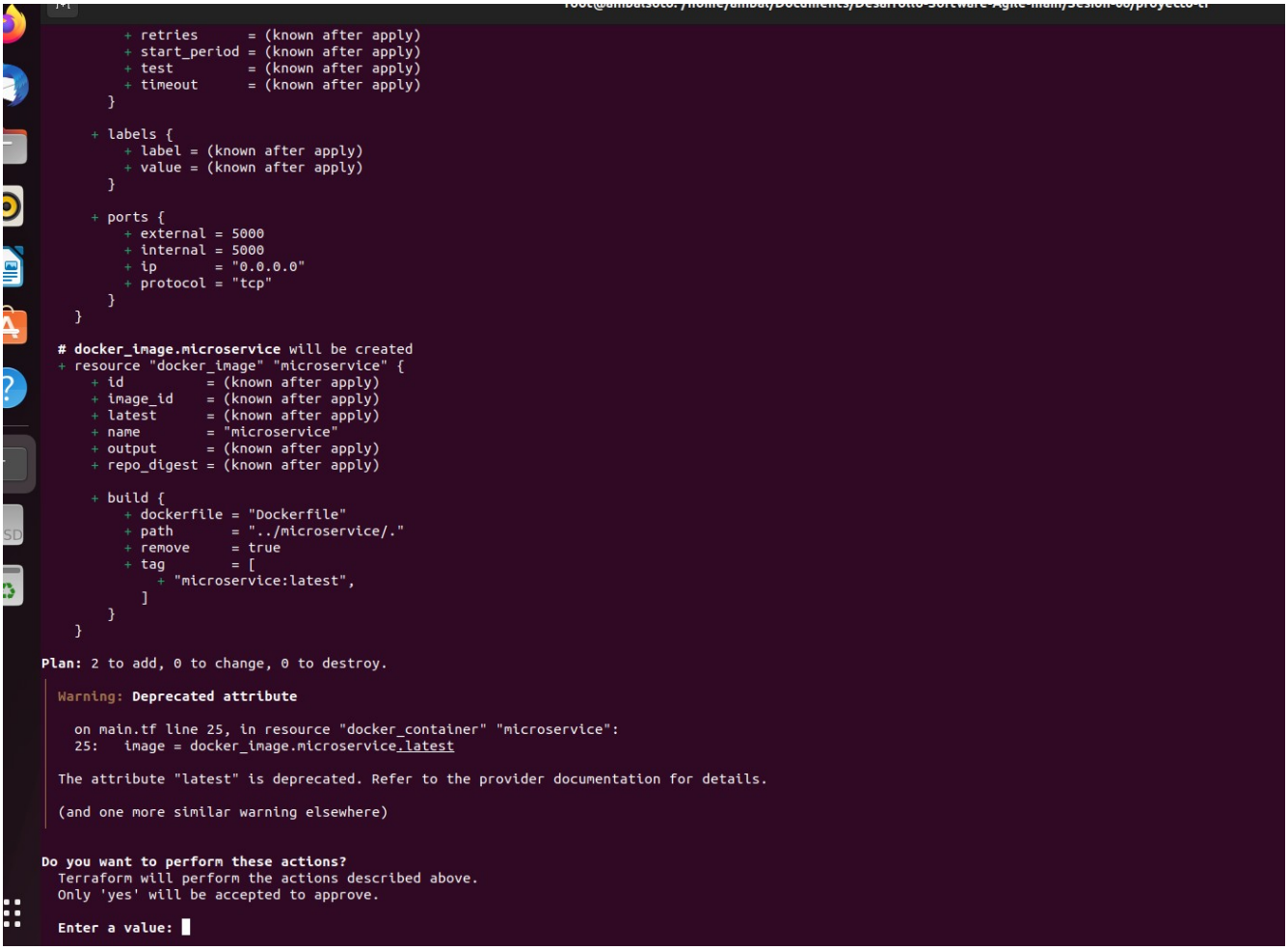


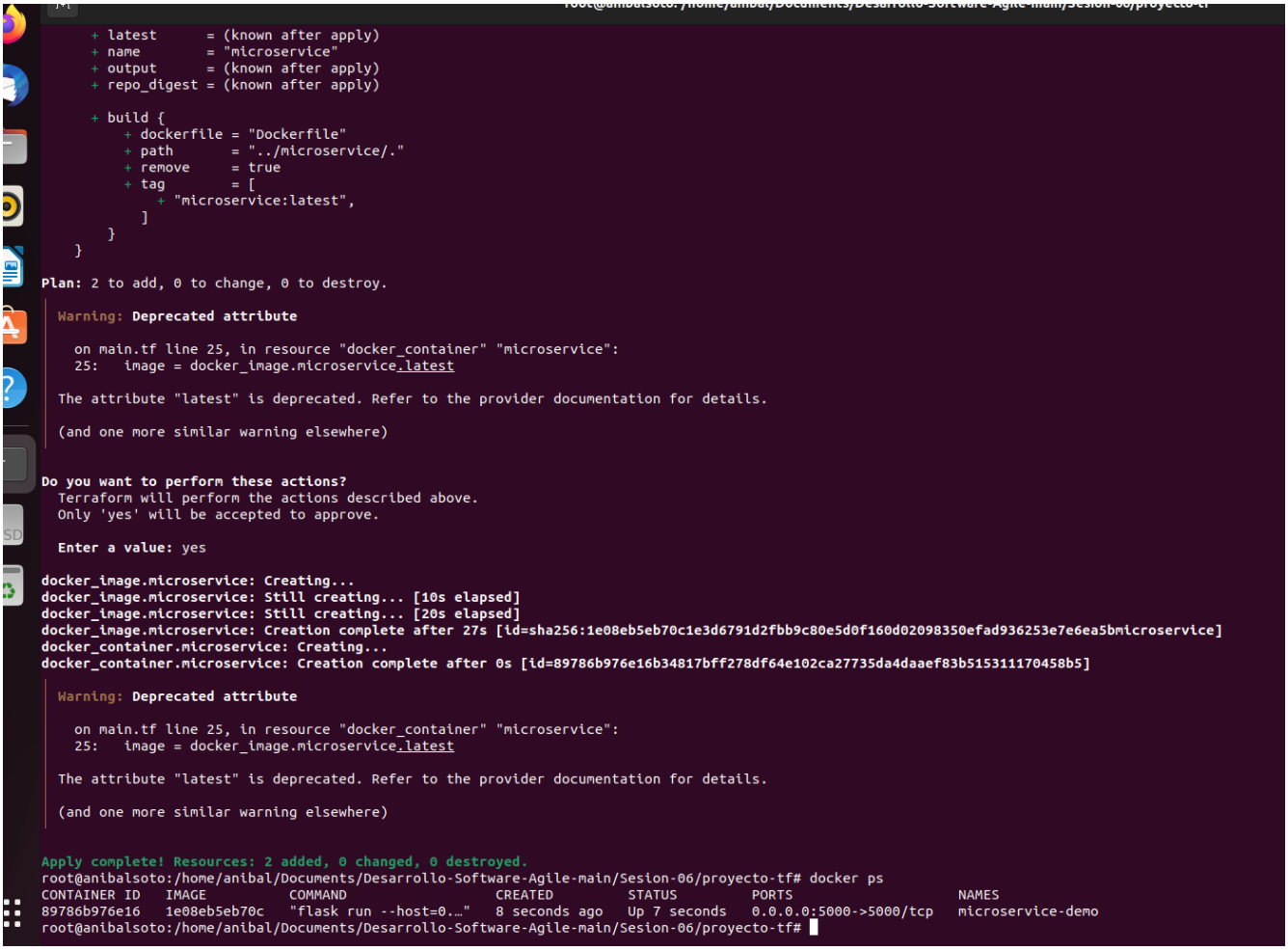
Comandos basicos para despliegue de terraform

- terraform init (inicializa terraform en el directorio)
- terraform validate (valida la configuracion del archivo tf)
- terraform fmt (formatea los archivos)
- terraform plan (verifica y muestra el plan a realizar en el archivo tf, nos muestra la estructura de lo que se va a construir)
- terraform apply (aplica el plan)
- terraform destroy (elimina los contenedores o la iac en general del plan anterior contenida en el archivo .tf)

Creando despliegue de prueba




+ retries = (known after apply)
+ start_period = (known after apply)
+ test = (known after apply)
+ timeout = (known after apply)
}
+ labels {
+ label = (known after apply)
+ value = (known after apply)
}
+ ports {
+ external = 5000
+ internal = 5000
+ ip = "0.0.0.0"
+ protocol = "tcp"
}
}
# docker_image.microservice will be created
+ resource "docker_image" "microservice" {
+ id = (known after apply)
+ image_id = (known after apply)
+ latest = (known after apply)
+ name = "microservice"
+ output = (known after apply)
+ repo_digest = (known after apply)
+ build {
+ dockerfile = "Dockerfile"
+ path = "../microservice/."
+ remove = true
+ tag = [
+ "microservice:latest",
]
}
}
Plan: 2 to add, 0 to change, 0 to destroy.
Warning: Deprecated attribute
on main.tf line 25, in resource "docker_container" "microservice":
25: image = docker_image.microservice.latest
The attribute "latest" is deprecated. Refer to the provider documentation for details.
(and one more similar warning elsewhere)
Do you want to perform these actions?
Terraform will perform the actions described above.
Only 'yes' will be accepted to approve.
Enter a value:


+ latest = (known after apply)
+ name = "microservice"
+ output = (known after apply)
+ repo_digest = (known after apply)
+ build {
+ dockerfile = "Dockerfile"
+ path = "../microservice/."
+ remove = true
+ tag = [
+ "microservice:latest",
]
}
}
Plan: 2 to add, 0 to change, 0 to destroy.
Warning: Deprecated attribute
on main.tf line 25, in resource "docker_container" "microservice":
25: image = docker_image.microservice.latest
The attribute "latest" is deprecated. Refer to the provider documentation for details.
(and one more similar warning elsewhere)
Do you want to perform these actions?
Terraform will perform the actions described above.
Only 'yes' will be accepted to approve.
Enter a value: yes
docker_image.microservice: Creating...
docker_image.microservice: Still creating... [10s elapsed]
docker_image.microservice: Still creating... [20s elapsed]
docker_image.microservice: Creation complete after 27s [id=sha256:1e08eb5eb70c1e3d6791d2fbb9c80e5d0f160d02098350efad936253e7e6ea5bmicroservice]
docker_container.microservice: Creating...
docker_container.microservice: Creation complete after 0s [id=89786b976e16b34817bff278df64e102ca27735da4daaef83b515311170458b5]
Warning: Deprecated attribute
on main.tf line 25, in resource "docker_container" "microservice":
25: image = docker_image.microservice.latest
The attribute "latest" is deprecated. Refer to the provider documentation for details.
(and one more similar warning elsewhere)
Apply complete! Resources: 2 added, 0 changed, 0 destroyed.
root@anibalsoto:/home/anibal/Documents/Desarrollo-Software-Agile-main/Sesion-06/proyecto-tf# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
89786b976e16 1e08eb5eb70c "flask run --host=0.…" 8 seconds ago Up 7 seconds 0.0.0.0:5000->5000/tcp microservice-demo
root@anibalsoto:/home/anibal/Documents/Desarrollo-Software-Agile-main/Sesion-06/proyecto-tf#