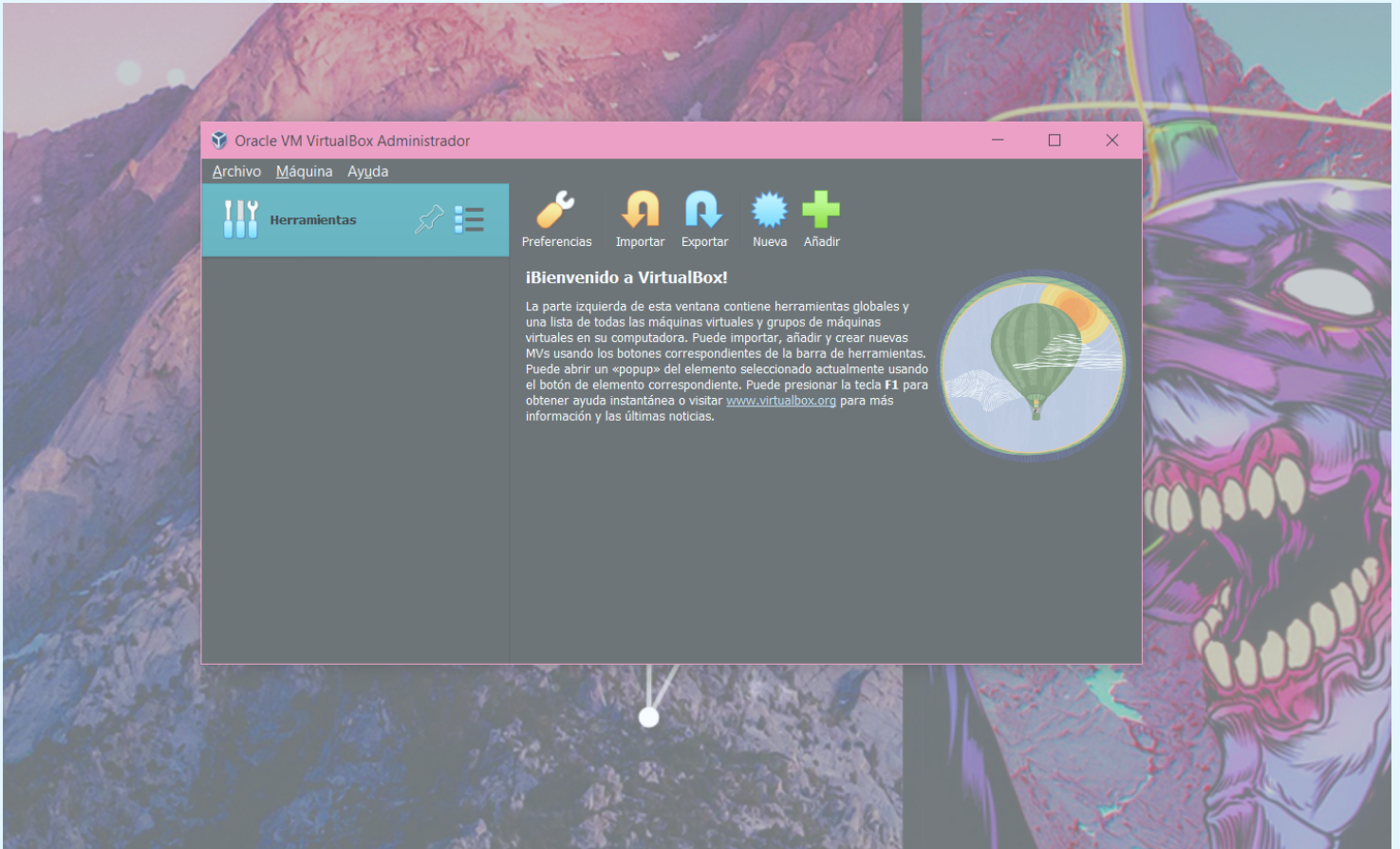
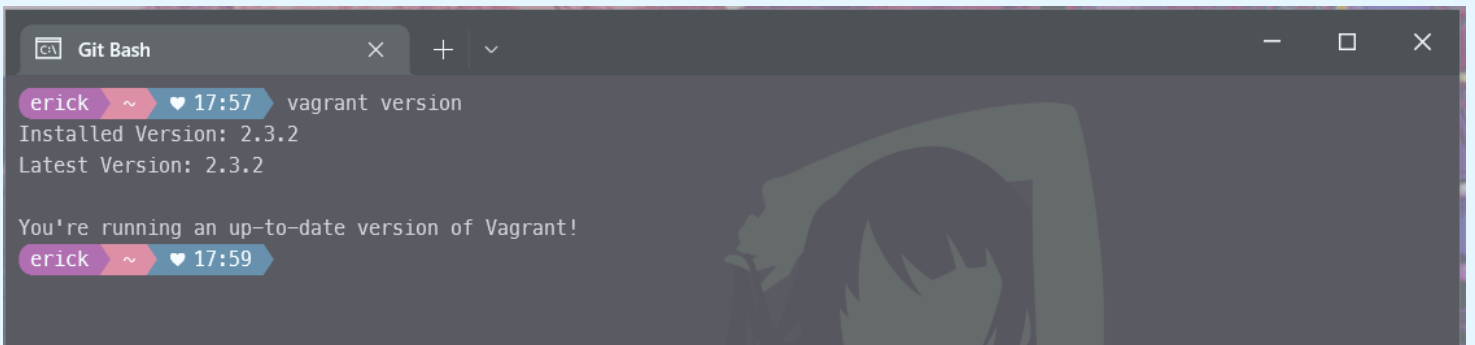


Homework 1-DevOps

1-Install Virtual Box in your machine



2-Install Vagrant in your machine



3-Stand up a Fedora 35 VM Server

Adding the box with Vagrant

```
erick ubuntu 20.04 18:33 vagrant box add generic/fedora35
```

🔥 Initialize a directory to be a Vagrant environment and configure the Vagrantfile created ✓

```
erick fedora35 18:36 vagrant init
A `Vagrantfile` has been placed in this directory. You are now
ready to `vagrant up` your first virtual environment! Please read
the comments in the Vagrantfile as well as documentation on
`vagrantup.com` for more information on using Vagrant.
erick fedora35 18:36

Vagrantfile: Bloc de notas
Archivo Edición Formato Ver Ayuda
# -*- mode: ruby -*-
# vi: set ft=ruby :

# All Vagrant configuration is done below. The "2" in Vagrant.configure
# configures the configuration version (we support older styles for
# backwards compatibility). Please don't change it unless you know what
# you're doing.
Vagrant.configure("2") do |config|
  # The most common configuration options are documented and commented below.
  # For a complete reference, please see the online documentation at
  # https://docs.vagrantup.com.

  # Every Vagrant development environment requires a box. You can search for
  # boxes at https://vagrantcloud.com/search.
  config.vm.box = "generic/fedora35"
```

🔥 Running virtual machine ✓

```
erick fedora35 18:40 vagrant ssh
[vagrant@fedora35 ~]$ exit
logout
erick fedora35 18:41 vagrant halt
==> default: Attempting graceful shutdown of VM...
erick fedora35 18:42
```

📖 4-Stand up a Ubuntu 20.04.x Server LTS VM ✓

🔥 Adding the box with Vagrant ✓

```
erick ubuntu 20.04 18:59 vagrant box add ubuntu/focal64
```

🔥 Initialize a directory to be a Vagrant environment and configure the Vagrantfile created ✓

erick ubuntu 20.04 ♥ 18:20 vagrant init

A `Vagrantfile` has been placed in this directory. You are now ready to `vagrant up` your first virtual environment! Please read the comments in the Vagrantfile as well as documentation on `vagrantup.com` for more information on using Vagrant.

erick ubuntu 20.04 ♥ 18:20

Vagrantfile: Bloc de notas

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```
# -*- mode: ruby -*-  
# vi: set ft=ruby :
```

```
# All Vagrant configuration is done below. The "2" in Vagrant.configure  
# configures the configuration version (we support older styles for  
# backwards compatibility). Please don't change it unless you know what  
# you're doing.
```

```
Vagrant.configure("2") do |config|  
  # The most common configuration options are documented and commented b  
  # For a complete reference, please see the online documentation at  
  # https://docs.vagrantup.com.
```

```
# Every Vagrant development environment requires a box. You can search  
# boxes at https://vagrantcloud.com/search.  
config.vm.box = "ubuntu/focal64"
```

Running virtual machine ✓

erick ubuntu 20.04 ♥ 19:08 vagrant ssh

Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.4.0-131-generic x86_64)

Last login: Tue Nov 15 00:32:05 2022 from 10.0.2.2

vagrant@ubuntu-focal:~\$ exit

logout

erick ubuntu 20.04 ♥ 19:09 vagrant halt

=> default: Unpausing the VM...

=> default: Attempting graceful shutdown of VM...

erick ubuntu 20.04 ♥ 19:09

5-What is Software Architecture and how its related to Enterprise Architecture? ✓

- Software Architecture is the components that are part of the software, but also how each part works and interacts with the other components and the way they are arranged. It helps to understand and analyze the system structure and behavior.
- Similar to software architecture, Enterprise Architecture works with the structure and behavior of an organization. It coordinates the departmental processes across an organization. Both create strategies for parts of the process to achieve the same goal and bring a different perspective from the same situation.