# 1. Playing with Vagrant

## Installing Vagrant

To install Vagrant on your Ubuntu system, follow these steps:

* We need to install Virtualbox first which will work as a hypervisor  
  $ sudo apt install virtualbox
* Now, we will install vagrant  
  $ sudo apt install vagrant
* Verify the vagrant installation

$ vagrant --version

## Creating basic vagrant box using VirtualBox virtualisation

* Create the project directory and switch to it with:

mkdir ~/first-vagrant

cd ~/first-vagrant

* The next step is to initialize a new Vagrantfile using the vagrant init

$ vagrant init

* You can open the Vagrantfile, read the comments and make adjustments according to your needs.
* Now we can run the vagrant

$ Vagrant up

* To ssh into the virtual machine simply run:  
  $ Vagrant ssh
* You can stop the virtual machine with the following command:  
  $ Vagrant halt
* To destroy the vagrant machine run the below command

$ Vagrant destroy

