

Institut Universitaire des Sciences (IUS)
FACULTÉ DES SCIENCES ET DES TECHNOLOGIES (FST)

RAPPORT
SUR LE TRAVAIL DE LABORATOIRE N° 1

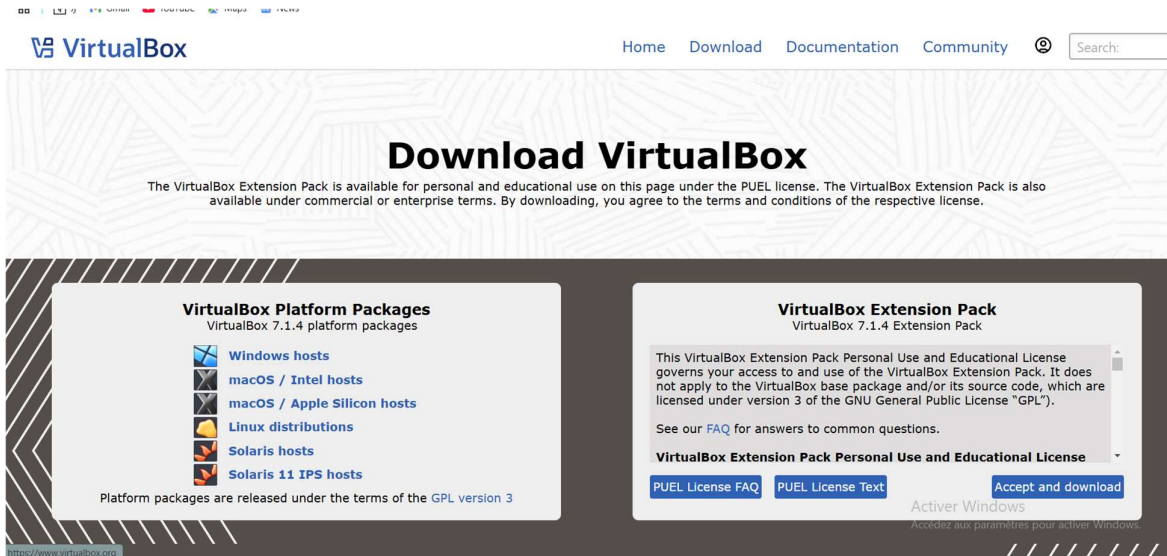
Cours : Systèmes d'Exploitation Linux

Étudiant : Wendy Colas
Niveau : L3

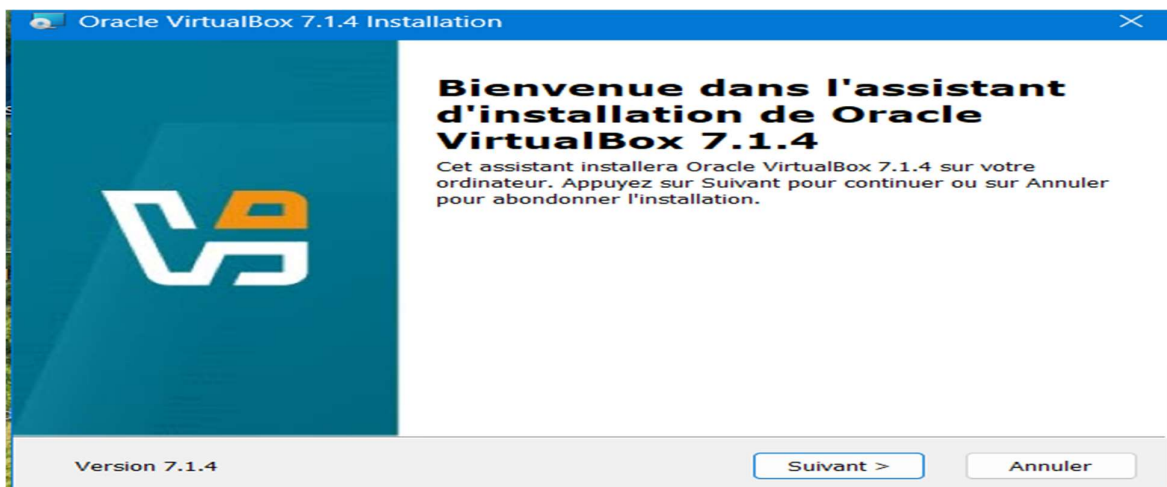
2024

Exécution du TD


1. Installer et configurer Virtual Box



The screenshot shows the VirtualBox website's download page. At the top, there's a navigation bar with links for Home, Download, Documentation, and Community, along with a search bar. The main heading is "Download VirtualBox". Below this, a paragraph states that the VirtualBox Extension Pack is available for personal and educational use under the PUEL license, and also available under commercial or enterprise terms. The page is divided into two main sections: "VirtualBox Platform Packages" and "VirtualBox Extension Pack". The "Platform Packages" section lists various operating systems: Windows hosts, macOS / Intel hosts, macOS / Apple Silicon hosts, Linux distributions, Solaris hosts, and Solaris 11 IPS hosts. It also mentions that platform packages are released under the terms of the GPL version 3. The "Extension Pack" section provides information about the VirtualBox 7.1.4 Extension Pack, including a link to the PUEL license FAQ and a button to "Accept and download".



The screenshot shows the "Oracle VirtualBox 7.1.4 Installation" window. The window has a blue title bar and a large blue area on the left with the VirtualBox logo. The main text area on the right says "Bienvenue dans l'assistant d'installation de Oracle VirtualBox 7.1.4" and "Cet assistant installera Oracle VirtualBox 7.1.4 sur votre ordinateur. Appuyez sur Suivant pour continuer ou sur Annuler pour abandonner l'installation." At the bottom, there's a status bar showing "Version 7.1.4" and two buttons: "Suivant >" and "Annuler".



The screenshot shows the "Oracle VirtualBox 7.1.4 License Agreement" window. The window has a blue title bar and a blue header area with the text "Contrat de licence de logiciel". Below this, it says "Veuillez lire attentivement le Contrat de licence suivant." The main content area contains a text box with the following text: "COPYING file for VirtualBox versions 7.0 and later versions that include this file", "Preliminary notes:", and "1) The majority of the code in the VirtualBox base package is licensed under the GNU General Public License, version 3 (GPL). VirtualBox contain s many components developed by Oracle and various third parties. The license for each component is located in the licensing". Below the text box, there are two radio buttons: "J'accepte les termes du Contrat de licence" (which is selected) and "Je n'accepte pas les termes du Contrat de licence". At the bottom, there's a status bar showing "Version 7.1.4" and three buttons: "< Précédent", "Suivant >", and "Annuler".



2. Installer Ubuntu et créer une nouvelle machine

Ubuntu 22.04.5 LTS (Jammy Jellyfish)

Select an image

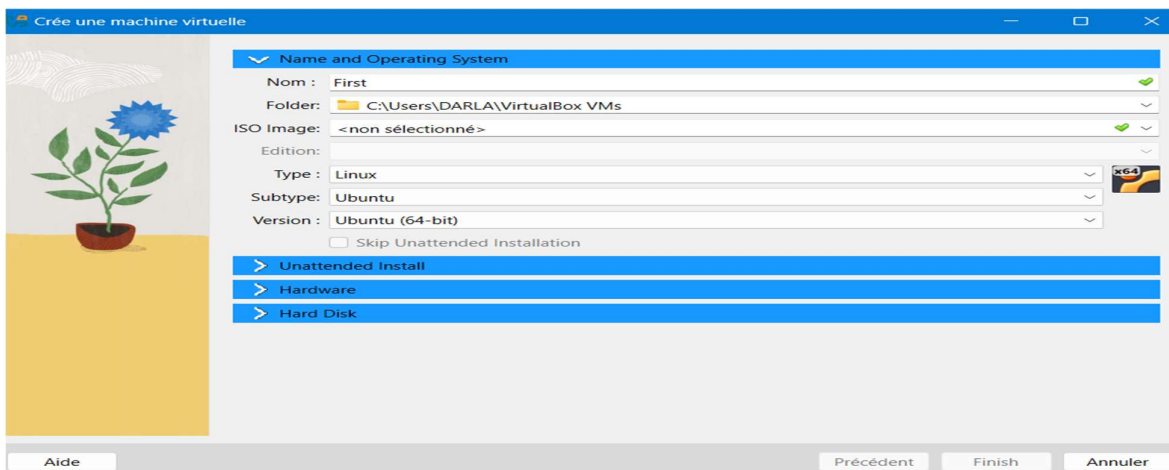
Ubuntu is distributed on three types of images described below.

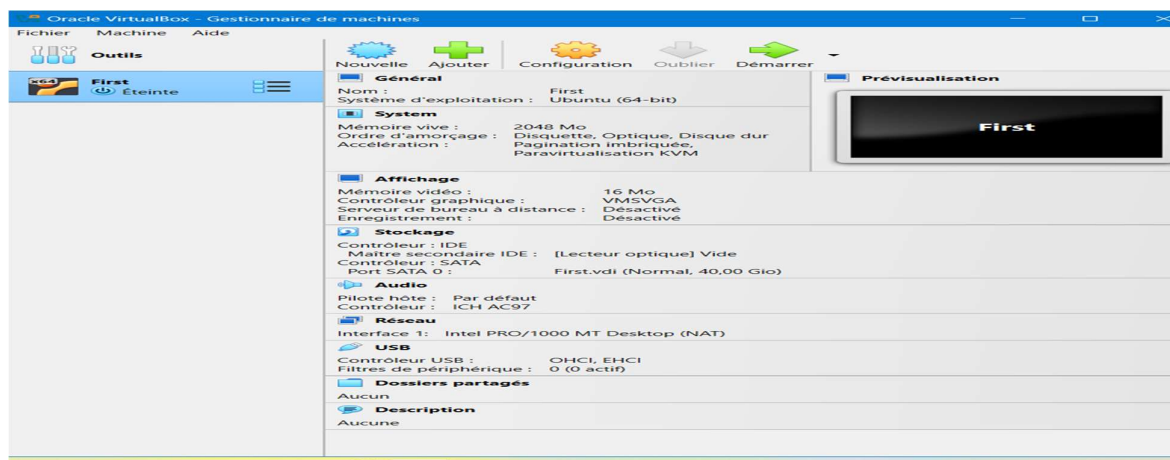
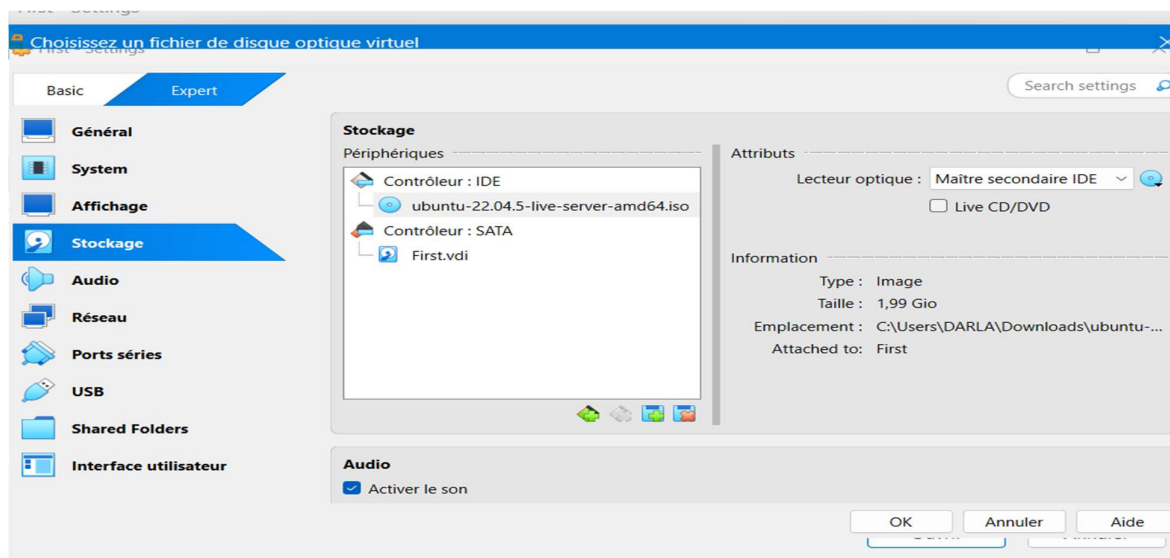
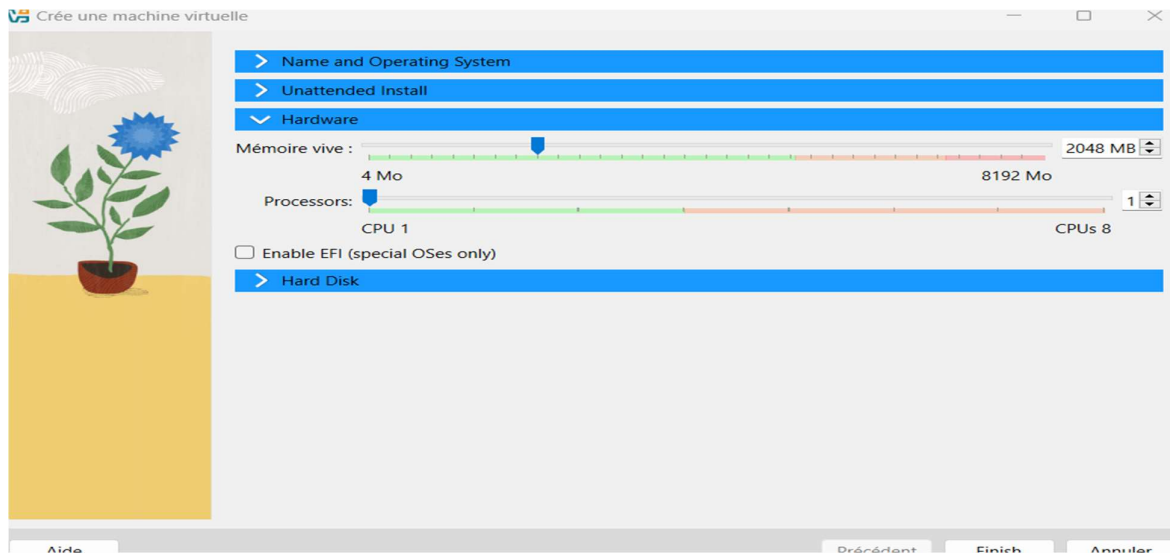
Desktop image

The desktop image allows you to try Ubuntu without changing your computer at all, and at your option to install it permanently later. This type of image is what most people will want to use. You will need at least 1024MiB of RAM to install from this image.

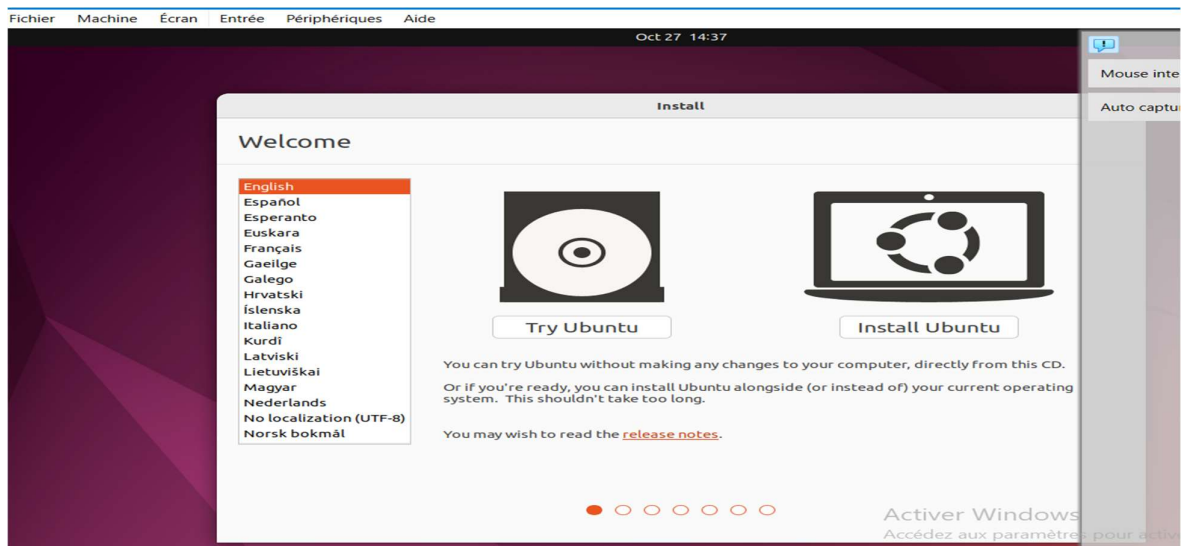
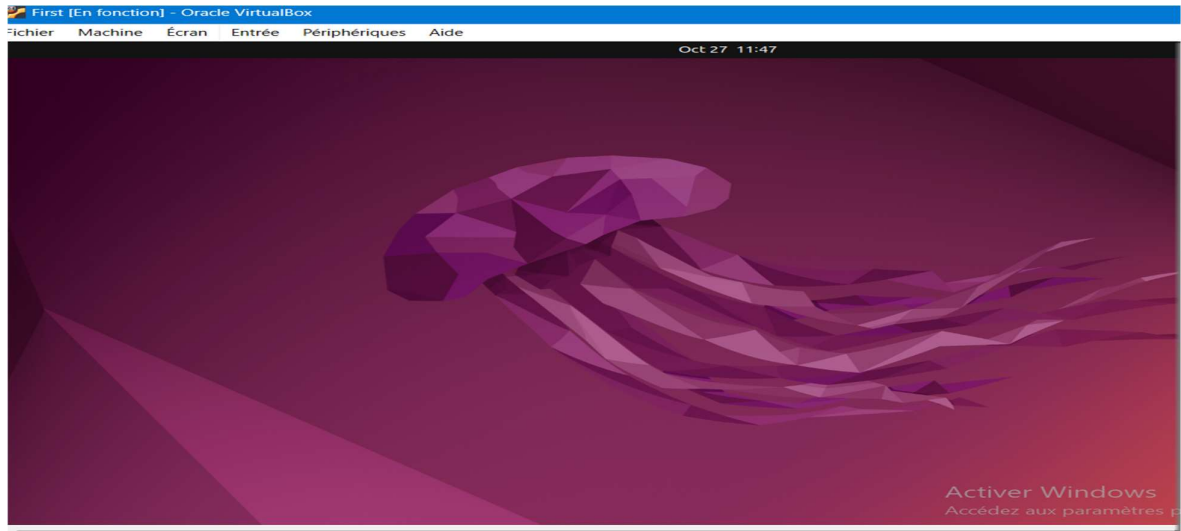
64-bit PC (AMD64) desktop image

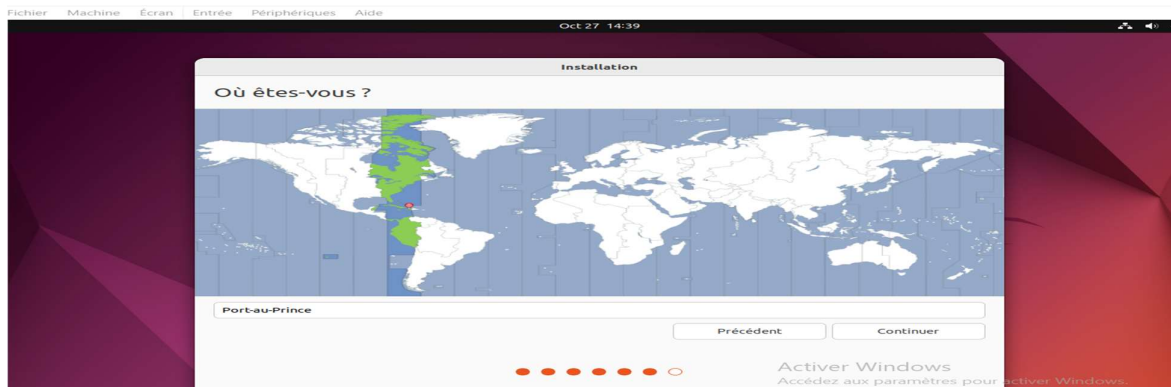
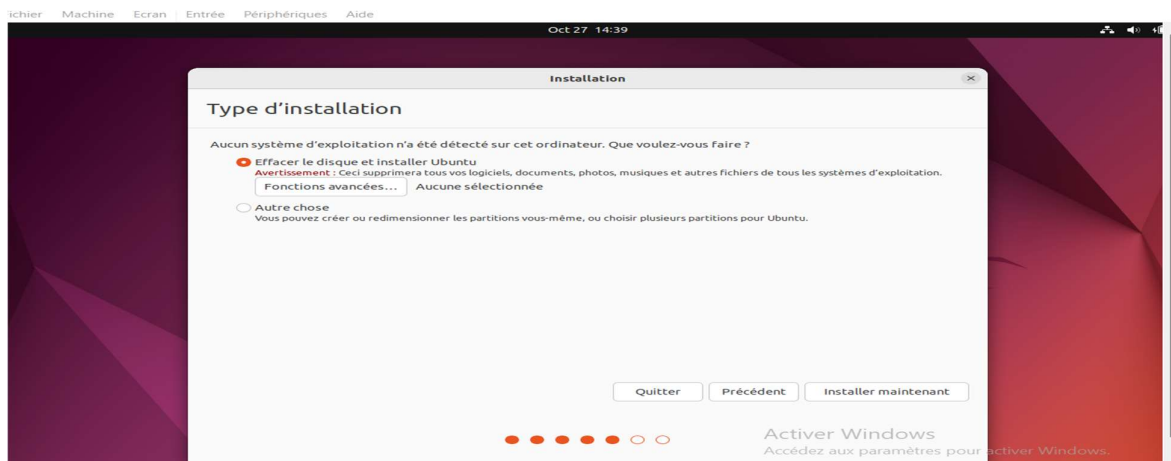
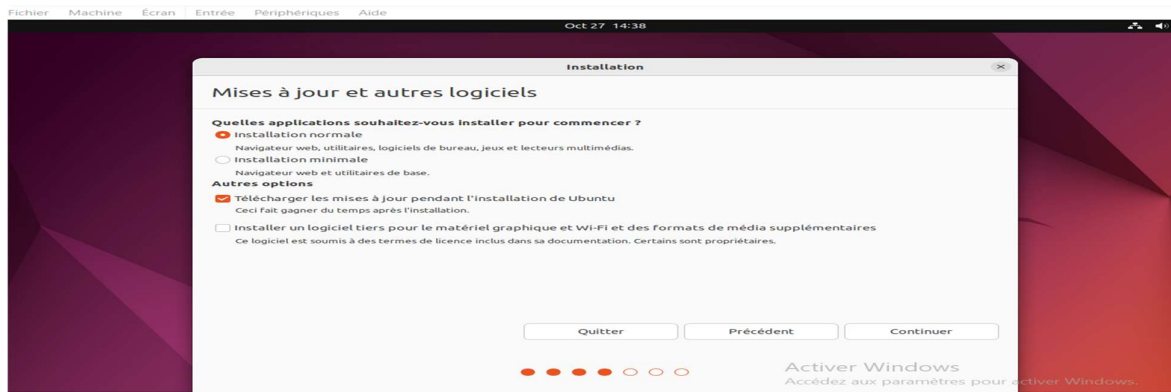
Choose this if you have a computer based on the AMD64 or EM64T architecture (e.g., Athlon64, Opteron, EM64T Xeon, Core 2). Choose this if you are at all unsure.

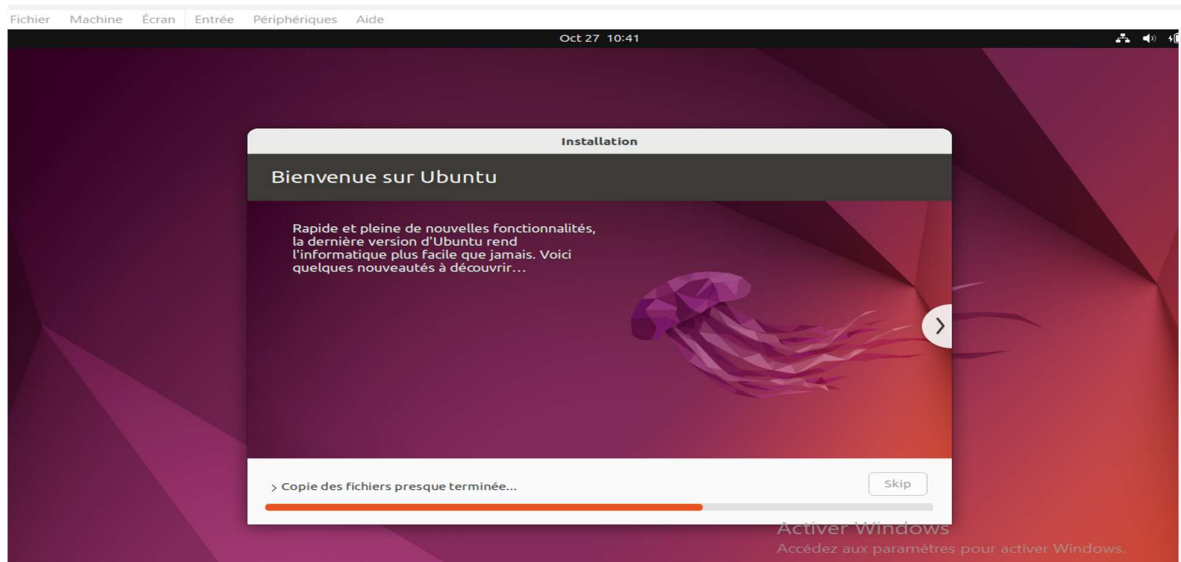




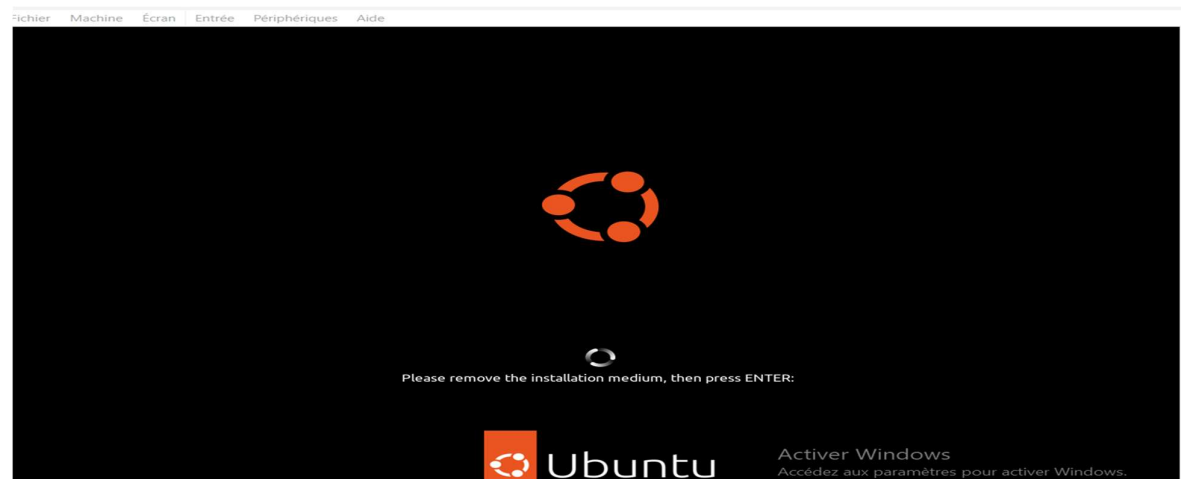
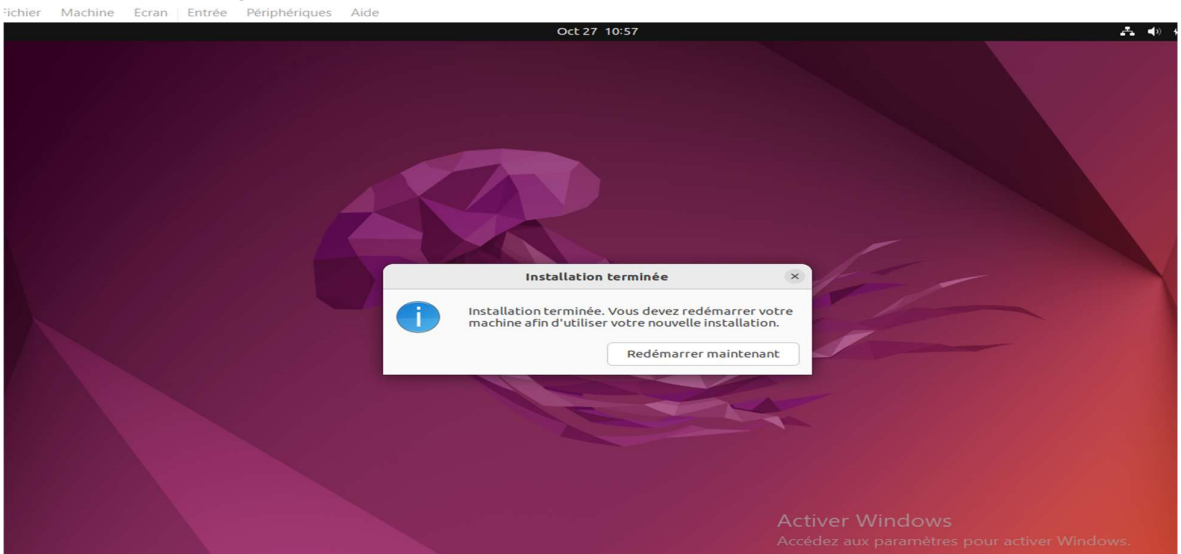
3. Demarrage et configuration de la nouvelle machine

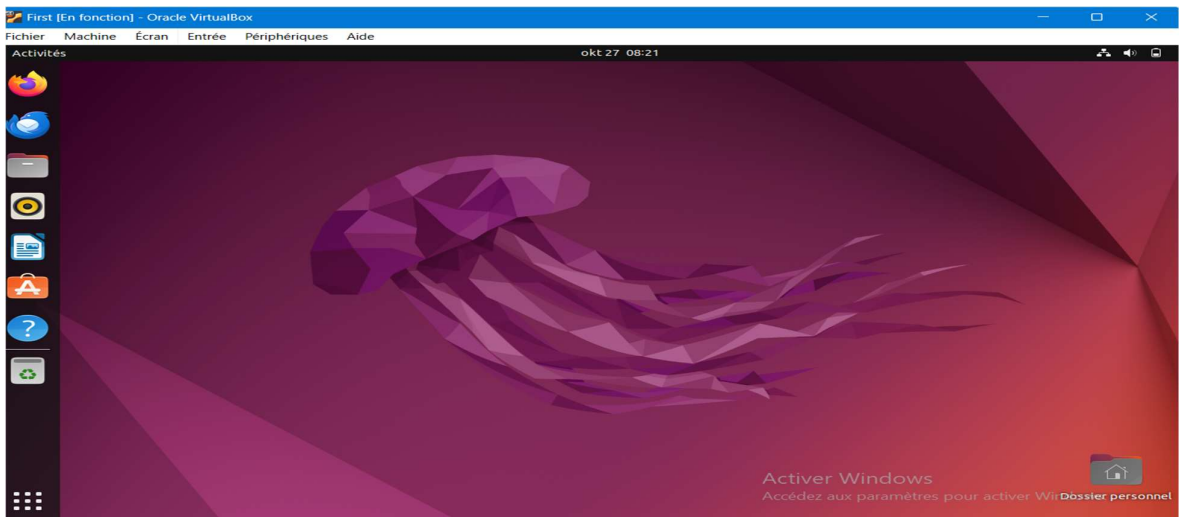
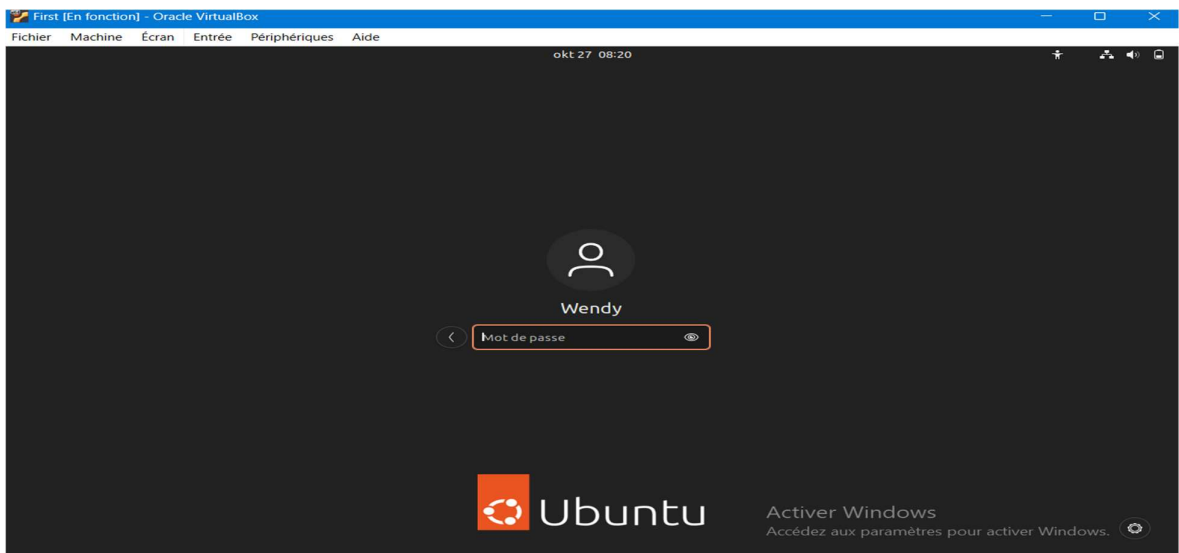
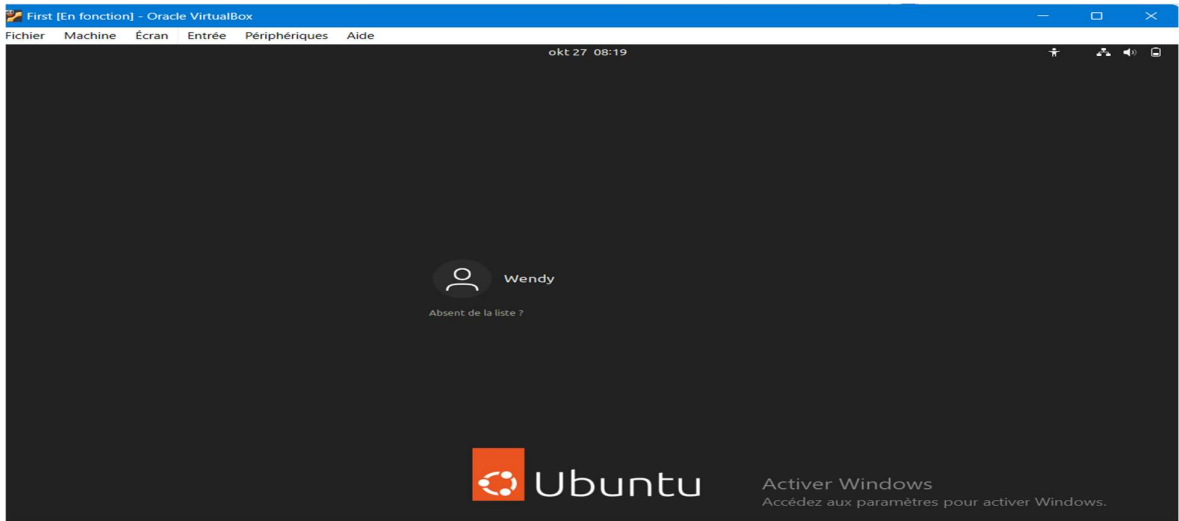






4. Redemarrage de la machine virtuelle





CONCLUSION :

A partir de l'exposé du prof et des théories du document j'ai pu aborder et approfondir mes connaissances sur la virtualisation en installant et en créant une machine virtuelle linux (Ubuntu).