week report 2

Summary of presentations

The basics of virtualization
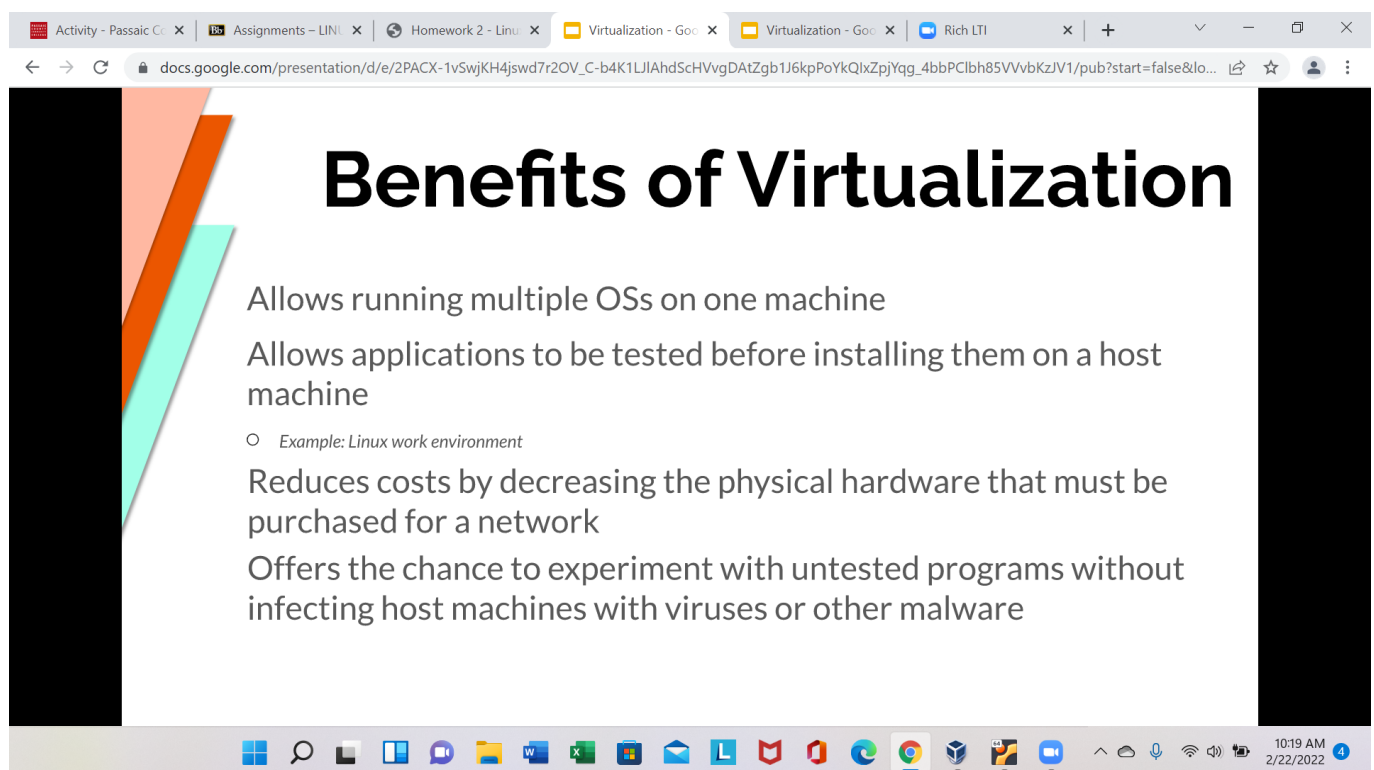
What is virtualization

Replication of hardware to simulate a virtual machine inside a physical machine.

Types of virtualization

Two types of virtualization:

- server side virtualization
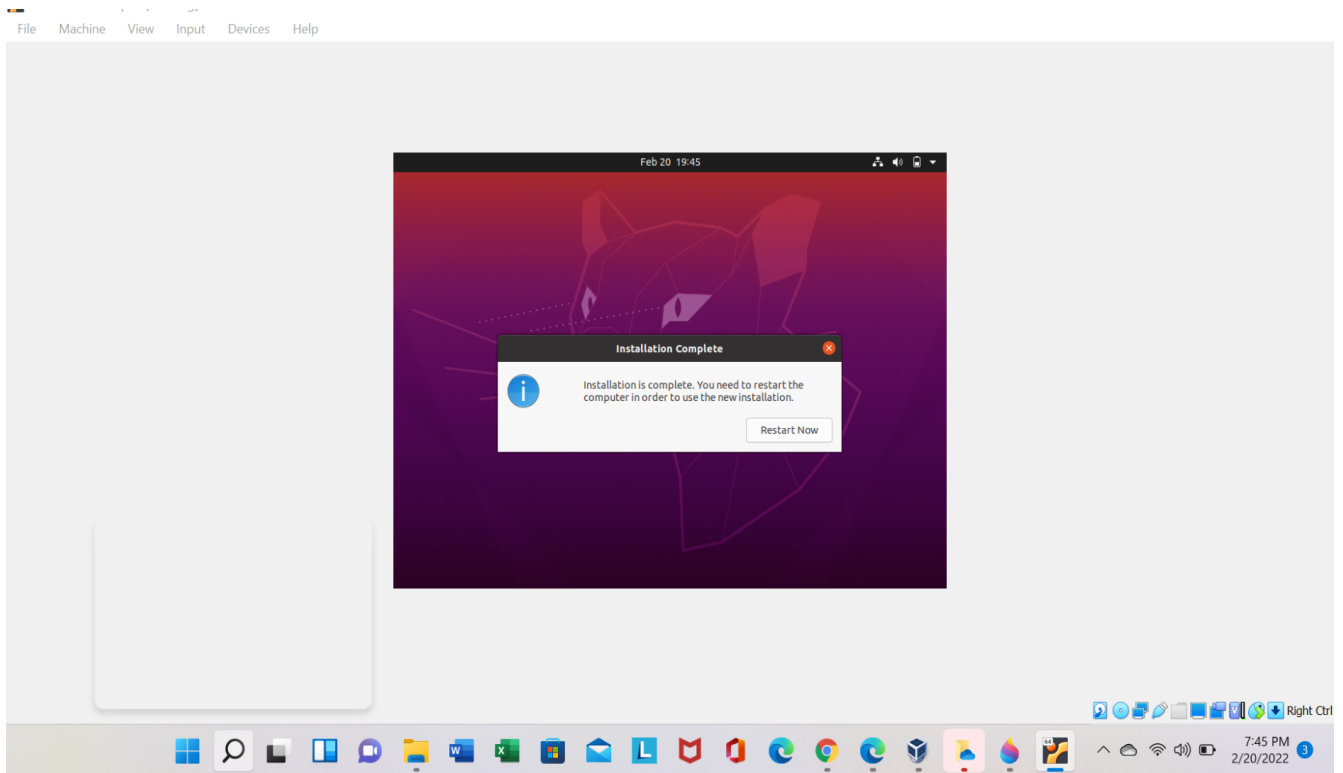- client side virtualization

anything else you find important

Installing Ubuntu in Virtualbox

What is the raspberry pi

Its a single board at its core it is a complete computer with all the stuff typical computer have but with a very small footprints and like computers it means operating system which is usually modified Linux version depending on the use case.Its GPIO ports .GPIO ports are physical pins on the board that are programmable they can use either send voltage or even received data through electrical impulses.

Watch these videos before you read the presentation:

what is the raspberry pi in 100 seconds?

It tiny but it quite a powerful with a quad core processor and up to eight gigabytes of and building own iot prototypes robots security cameras web servers and many other fun projects.Raspberry pi use like a normal desktop computer by connecting a keyboard mouse and monitor.You can install any operating system but most beginners like linux raspberry pi os and when you in you can program take over the world.
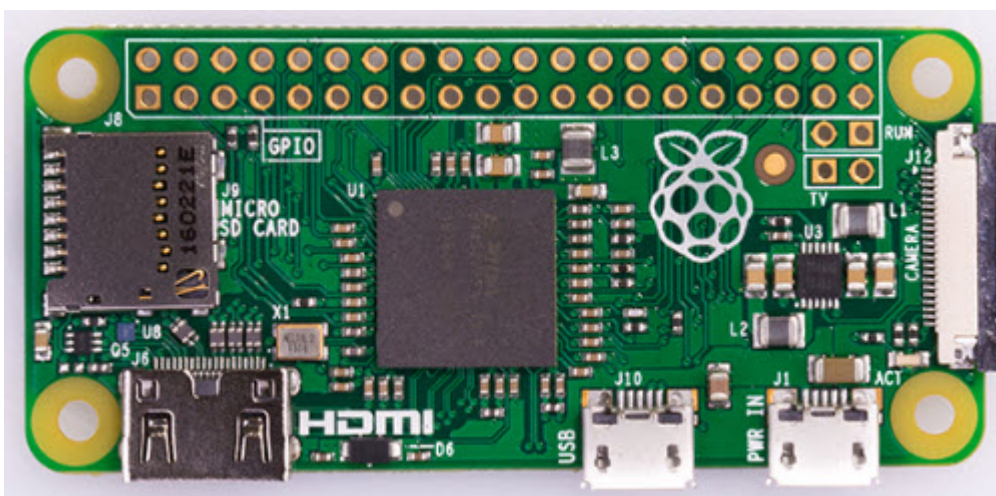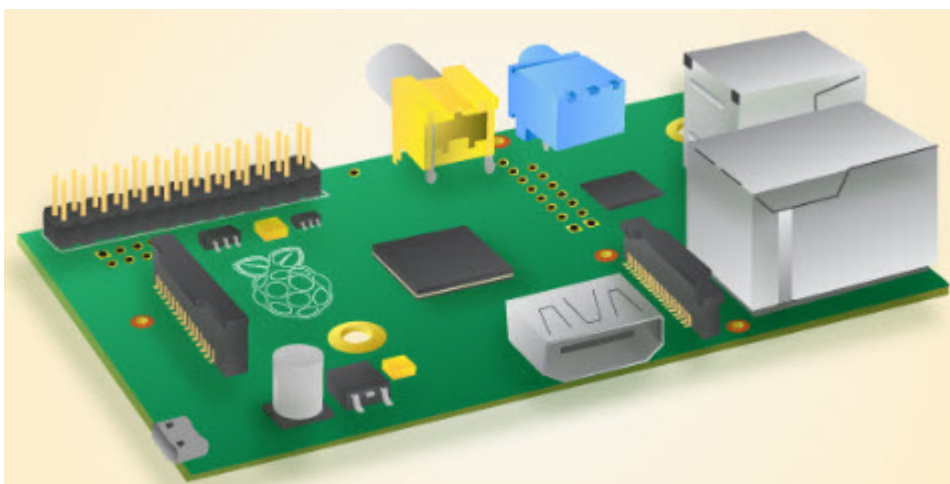
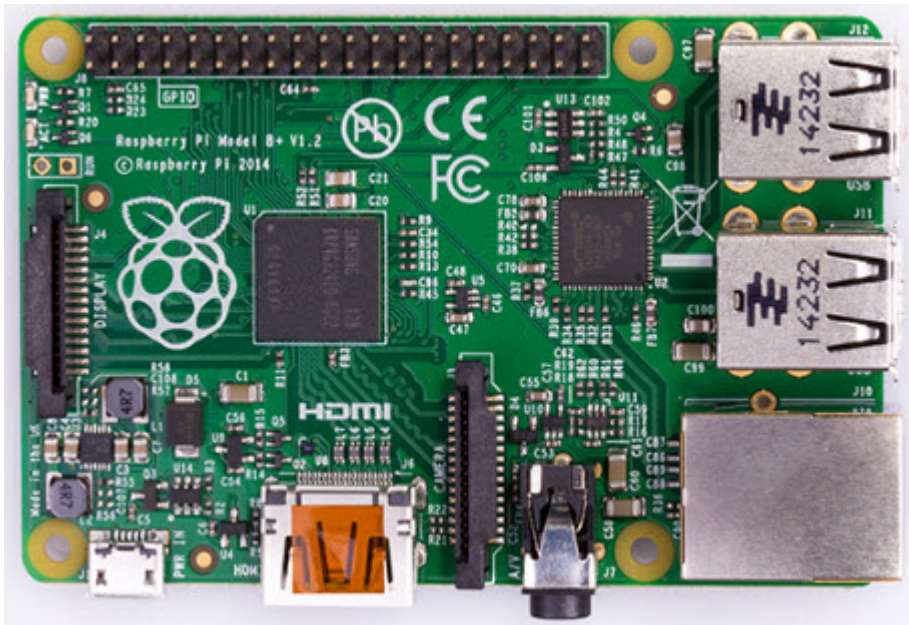# what is the raspberry pi?

It's a credit card computer that costs around 25 pounds and teach young people to program and is capable of doing all kinds of wonderful things.All over the world people are experiment with raspberry pi and they are using the pi in a variety of amazing interesting projects taking advantage of its size,portability,cost,programability and connectability .

What is a raspberry pi

It is a low cost,credit card sized computer that plugs computer tv,monitor and standard keyboard and mouse.Its doing everything same desktop computer do.

A bulleted list of different models

specs of the latest model (Raspberry pi 4 or 400) you can use a screenshot

Raspberry Pi 400

Raspberry Pi 400 has the same components as Raspberry Pi 4 placed inside a keyboard housing. This is a great choice for those who are going to use the Pi as an Everyday computer.

Bulleted listed of 5 projects you can do with a raspberry pi. Use the internet to find this information

Language translator Remote control 3D printer Security camera PC Hardware Stats monitor Game console