

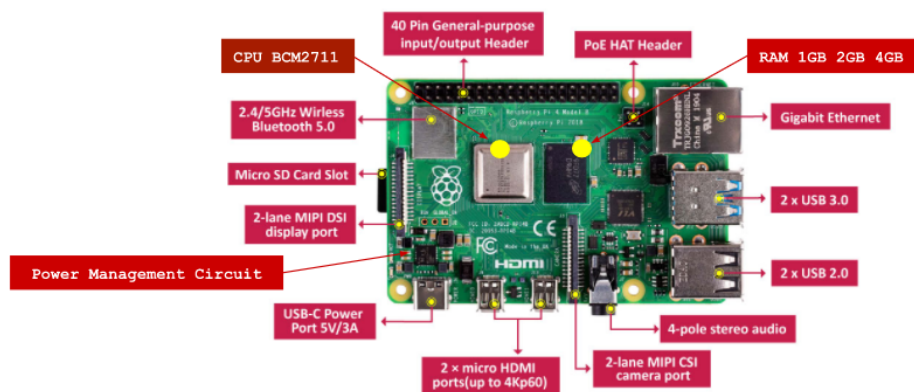
Week Report 2

Summary of Presentations

What is Raspberry Pi? **The Raspberry Pi is a low cost, credit-card sized computer that plugs in to a computer monitor or TV, and uses a standard keyboard and mouse.** Make a bulleted list of 5 projects you can do with a Raspberry Pi?

- Set Up a Retro Gaming Machine.
- Build a Minecraft Game Server.
- Control a Robot.
- Build a Stop Motion Camera.
- Replace Your Desktop PC With a Raspberry Pi

The components of the Pi | Raspberry Pi 4






What is the basics of virtualization?

- The process of running a virtual instance of a computer system in a layer abstracted from the actual hardware

Types of virtualization?

- Desktop Virtualization.
- Application Virtualization.
- Server Virtualization.
- Network Virtualization.

- Storage Virtualization.



New

Settings

Discard

Start

General

Name: ubuntu-CIS106-SP22

Operating System: Ubuntu (64-bit)

System

Base Memory: 2048 MB

Processors: 2

Boot Order: Optical, Hard Disk

Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization

Display

Video Memory: 128 MB

Graphics Controller: VMSVGA

Acceleration: 3D

Remote Desktop Server: Disabled

Recording: Disabled

Storage

Controller: IDE

IDE Secondary Device 0: [Optical Drive] ubuntu-20.04.3-desktop-amd64.iso (2.86 GB)

Controller: SATA

SATA Port 0: ubuntu-CIS106-SP22.vdi (Normal, 50.00 GB)

Audio

Host Driver: Windows DirectSound

Controller: ICH AC97

Network

Adapter 1: Intel PRO/1000 MT Desktop (NAT)

USB

USB Controller: OHCI

Device Filters: 0 (0 active)

Shared folders


None

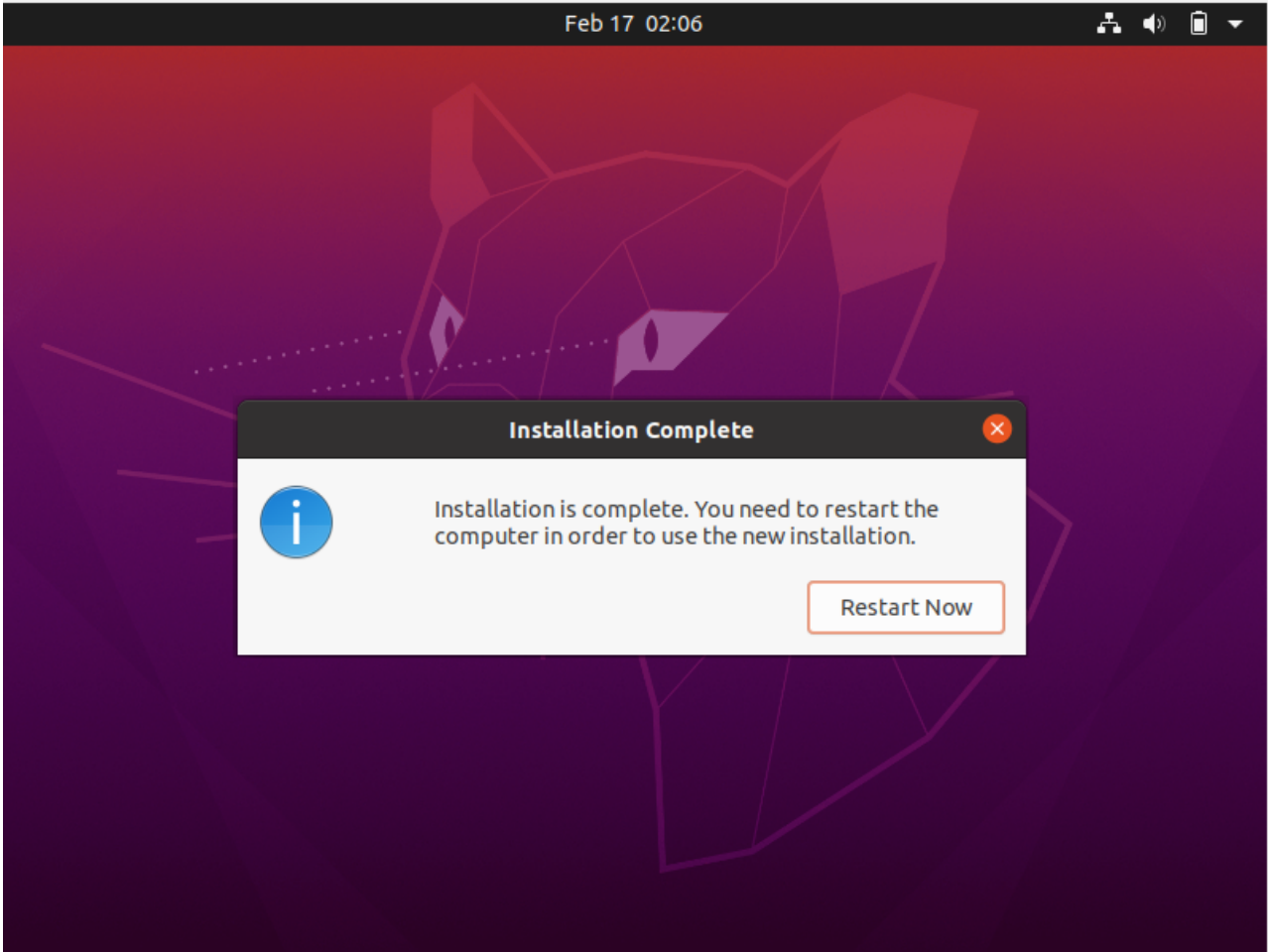
Description

hostname:CIS106

User:rbalbi

Preview





![q4](q4.1.png)

