

Good Afternoon

CEG2350

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Quote of the week:

“We are not what we know, but what we are willing to learn”

How was Lab06 & Midterm?



```
225     } //clear the Note(50 character max: " );
226     fflush(stdin);
227     scanf("%[^n]",R.note);
228     if(fwrite(&R,sizeof(R),1,fp)){
229         gotoxy(5,12);
230         puts("Note is saved sucessfully");
231         fclose(fp);
232     }else{
233         gotoxy(5,12);
234         SetColor(12);
235         puts("\aFail to save!!\a");
236         ClearColor();
237         gotoxy(5,15);
238         printf("Press any key.....");
239         getch();
240         fclose(fp);
241     }
242     printf("Error in saving file");
243     while(fread(sizeof(1));
244         if
245             gotoxy(10,<i>i);
246             printf("The file Day = <i>i</i> is saved");
247             i++;
248         }
249     if((i>0)&&(i<10)){
250         gotoxy(10,5);
251         printf("The file contains no");
252     }
253     gotoxy(10,7);
254     printf("Please any key to back... ");
255     getch();
256 }
257 int main(){
258     ClearConsoleToColor(15, 1);
259 }
```



dotfileInstaller Script?

Rejoice because scripting is over! (Sorta)

Beginning Lab07

Lab Instructions: <https://pattonsgirl.github.io/CEG2350/Labs/Lab07/Instructions.html>

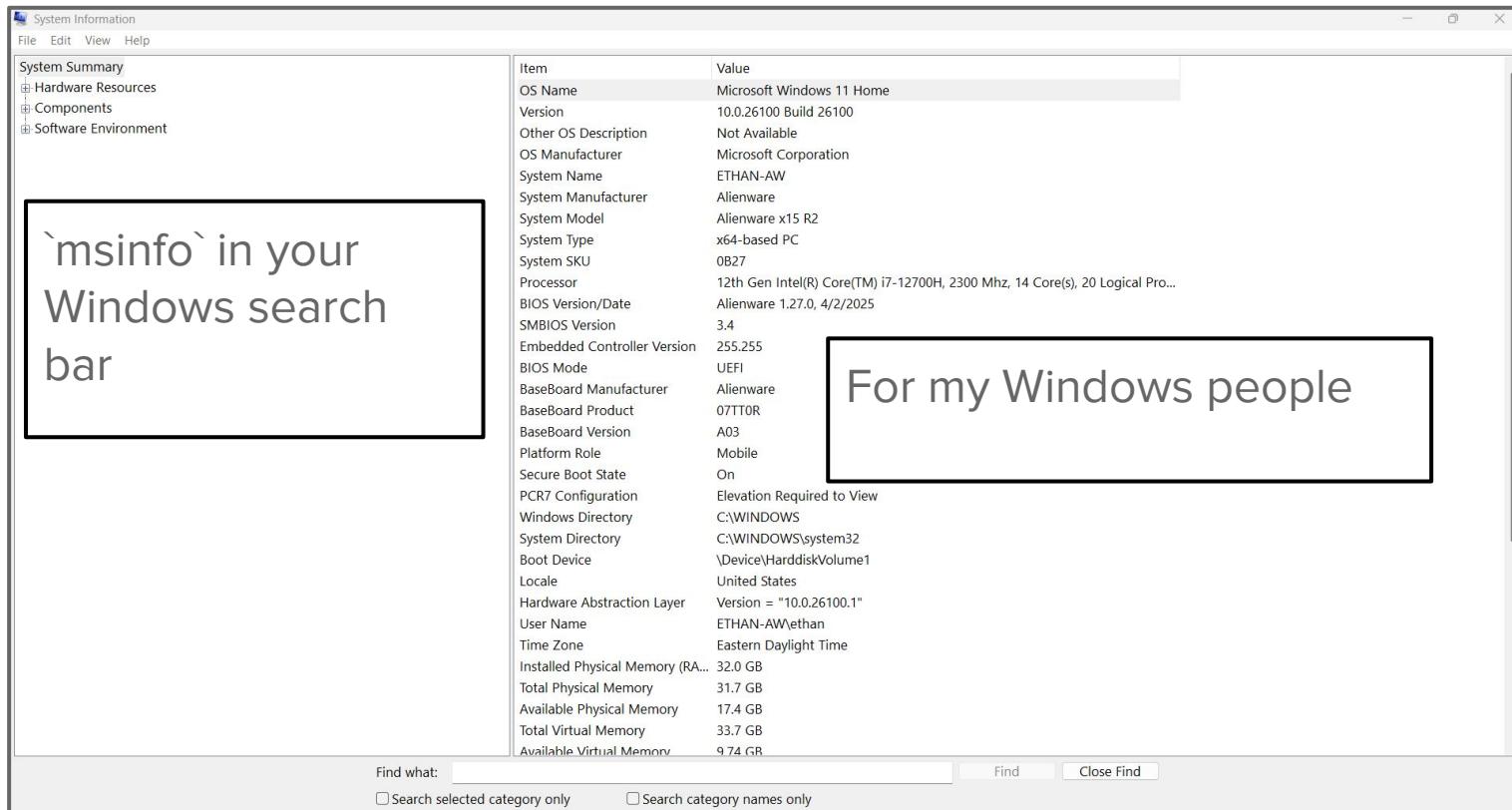
Lab Template:

<https://raw.githubusercontent.com/pattonsgirl/CEG2350/refs/heads/main/docs/Labs/Lab07/LabTemplate.md>

How's life?

Other classes? Calculus Midterm?

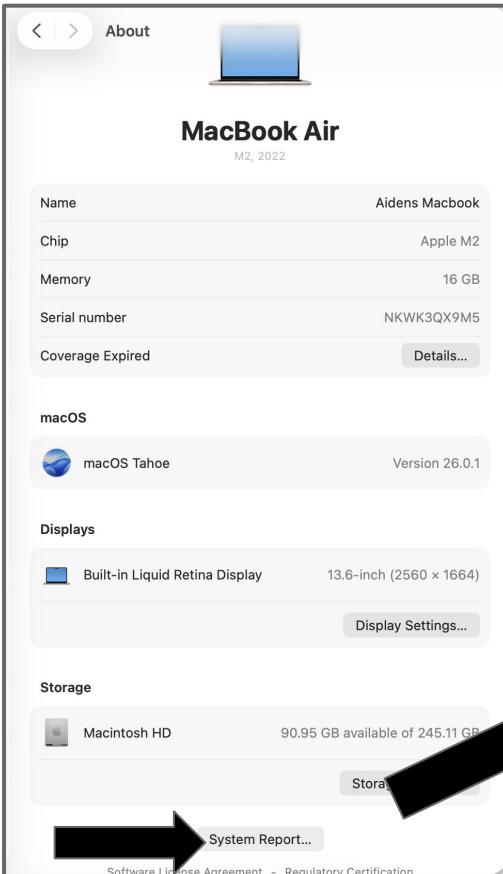
System Discovery - Part 1



System Discovery - Part 1

For my Mac people!

Search “System Report” in your settings or spotlight search!



MacBook Air

Hardware Overview:

Model Name:	MacBook Air
Model Identifier:	Mac14,2
Model Number:	Z15Y000AULL/A
Chip:	Apple M2
Total Number of Cores:	8 (4 performance and 4 efficiency)
Memory:	16 GB
System Firmware Version:	13822.1.2
OS Loader Version:	13822.1.2
Serial Number (system):	NKWK3QX9M5
Hardware UUID:	66780877-D340-5D28-8F12-F8F4EB87BE9E
Provisioning UDID:	00008112-001164502678201E
Activation Lock Status:	Disabled

Hardware

- ATA
- Apple Pay
- Audio
- Bluetooth
- Camera
- Card Reader
- Controller
- Diagnostics
- Disc Burning
- Ethernet
- Fibre Channel
- Graphics/Displays
- Memory
- NVMe
- PCI
- Parallel SCSI
- Power
- Printers
- SAS
- SATA
- SPI
- Storage
- Thunderbolt/USB4
- USB

Network

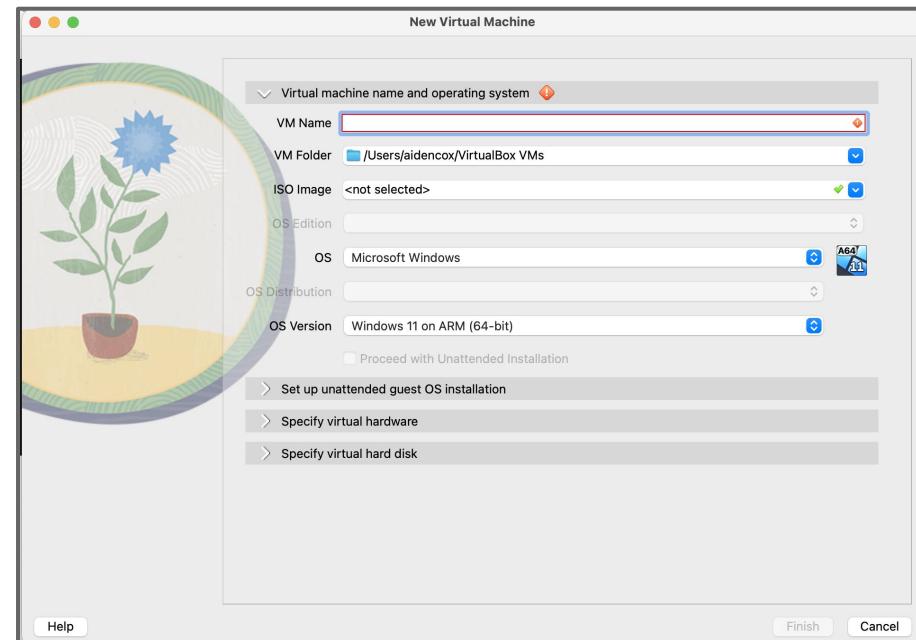
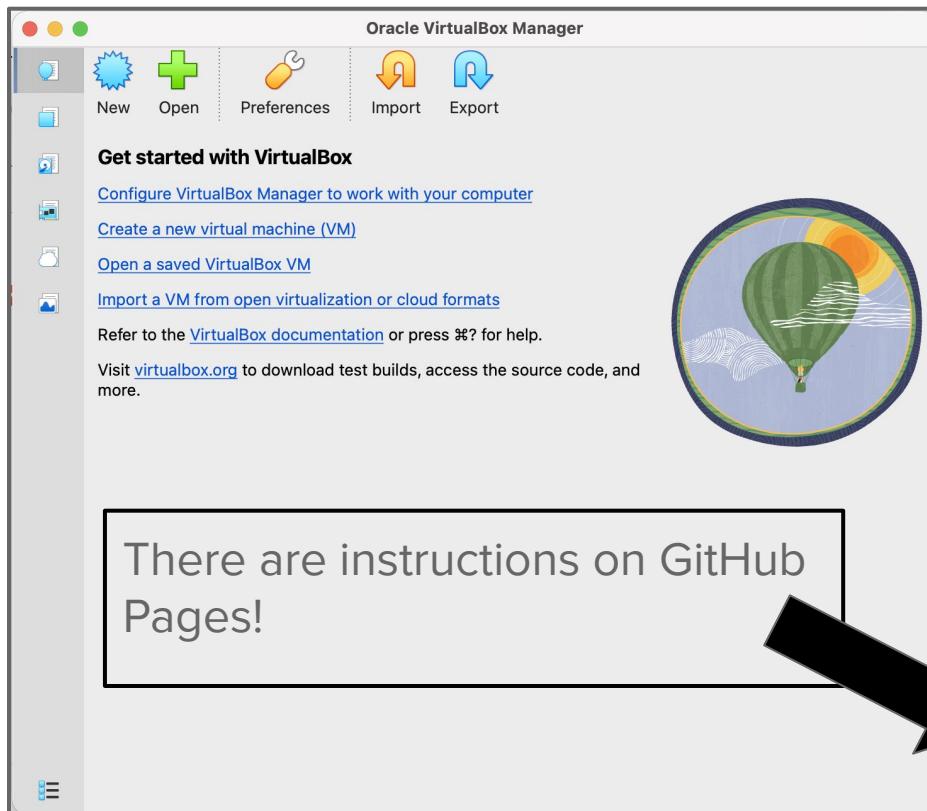
- Firewall
- Locations
- Volumes
- Wi-Fi

Software

- Accessibility
- Applications
- Developer
- Disabled Software
- Extensions
- Fonts
- Frameworks
- Installations
- Language & Region
- Logs
- Managed Client
- Preference Panes
- Printer Software
- Profiles
- Raw Support
- Rosetta Software
- SmartCards
- Startup Items
- Sync Services

Aidens Macbook > Hardware

Virtualize the Machine - Part 2



There are instructions on GitHub Pages!

<https://pattonsgirl.github.io/CEG2350/Labs/Lab07/VirtualBox-Guide.html>

Virtual Playground - Part 3

Part 3 - Virtual Playground

Accomplish the following tasks using the guest OS in the virtual machine you made in Part 2. In your lab template, write a “how to” of steps taken to complete each task.

1. Customizing the desktop background in your guest OS
2. Installing VSCode in your guest OS
3. Sharing a clipboard or folder between your host and guest OS

- In VirtualBox, this involves “Inserting” the Guest Additions CD image, then running the `VBoxLinuxAddition.run` executable as root

4. Cloning your course repository to your guest OS
5. Connecting to your AWS instance from your guest OS using ssh

Free to mess around with different distros, but if you want to stay lighter use LUbuntu.

DistroWatch:
<https://distrowatch.com/index.php?distrospan=trending-52>

We plan to use this VM again in future labs. If you must delete it, make sure your instructions from this lab are good enough to quickly get a new one back up and running

Have a Good Weekend!

Don't hesitate to reach out and ask questions!

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