

# 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?



```
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 successfully");
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);
}
```



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

The screenshot shows the Windows System Information window. On the left, the 'System Summary' section is expanded. A text box on the left side of the window contains the text: ``msinfo`` in your Windows search bar. On the right side of the window, a text box contains the text: For my Windows people. The main area of the window displays a table of system information.

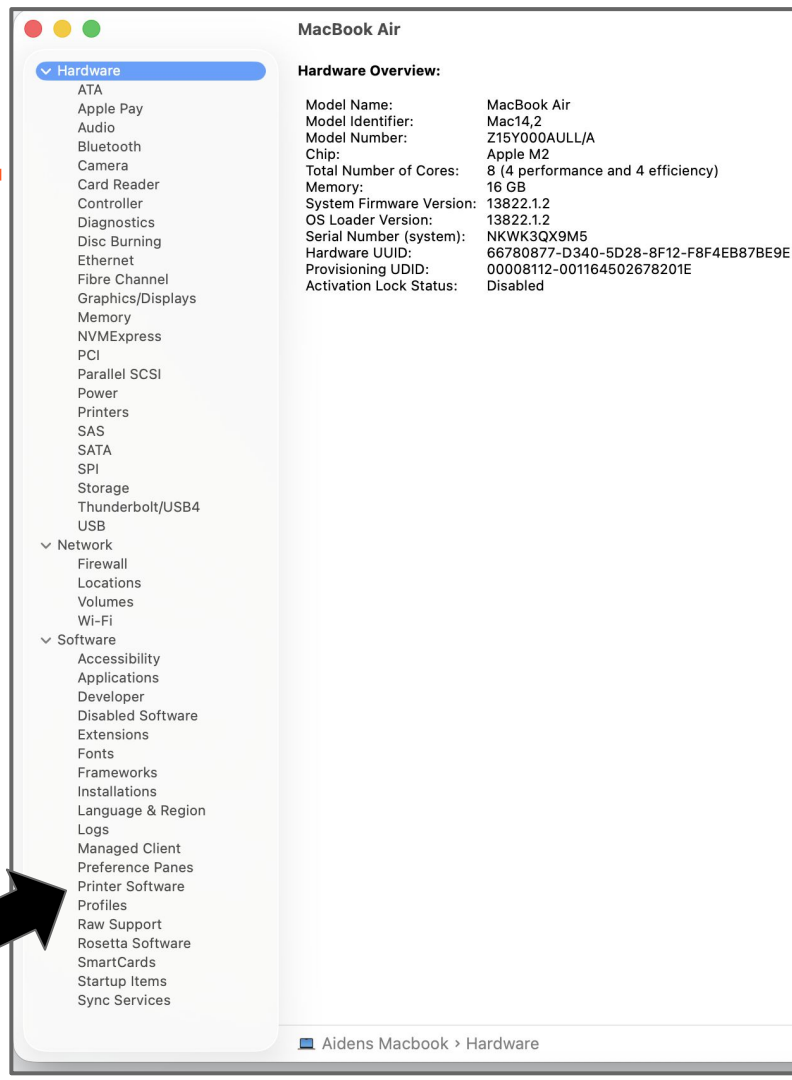
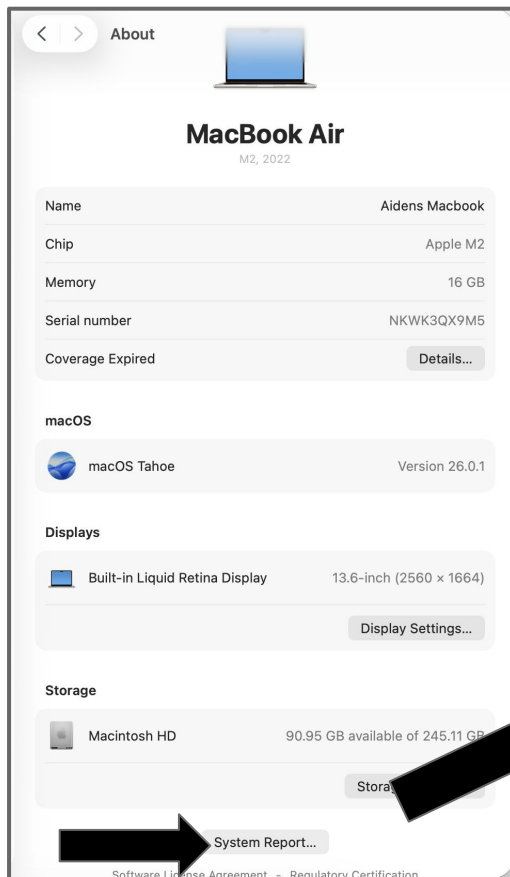
| Item                             | Value   |
|----------------------------------|---|
| OS Name                          | Microsoft Windows 11 Home   |
| Version                          | 10.0.26100 Build 26100  |
| Other OS Description             | Not Available   |
| OS Manufacturer                  | Microsoft Corporation   |
| System Name                      | ETHAN-AW  |
| System Manufacturer              | Alienware   |
| System Model                     | Alienware x15 R2  |
| System Type                      | x64-based PC  |
| System SKU                       | 0B27  |
| Processor                        | 12th Gen Intel(R) Core(TM) i7-12700H, 2300 Mhz, 14 Core(s), 20 Logical Pro... |
| BIOS Version/Date                | Alienware 1.27.0, 4/2/2025  |
| SMBIOS Version                   | 3.4   |
| Embedded Controller Version      | 255.255   |
| BIOS Mode                        | UEFI  |
| BaseBoard Manufacturer           | Alienware   |
| BaseBoard Product                | 07TT0R  |
| BaseBoard Version                | A03   |
| Platform Role                    | Mobile  |
| Secure Boot State                | On  |
| PCR7 Configuration               | Elevation Required to View  |
| Windows Directory                | C:\WINDOWS  |
| System Directory                 | C:\WINDOWS\system32   |
| Boot Device                      | \Device\HarddiskVolume1   |
| Locale                           | United States   |
| Hardware Abstraction Layer       | Version = "10.0.26100.1"  |
| User Name                        | ETHAN-AW\ethan  |
| Time Zone                        | Eastern Daylight Time   |
| Installed Physical Memory (RA... | 32.0 GB   |
| Total Physical Memory            | 31.7 GB   |
| Available Physical Memory        | 17.4 GB   |
| Total Virtual Memory             | 33.7 GB   |
| Available Virtual Memory         | 9.74 GB   |

At the bottom of the window, there is a search bar with the text 'Find what:' and a 'Find' button. Below the search bar, there are two checkboxes: ☐ Search selected category only and ☐ Search category names only. A 'Close Find' button is also present.

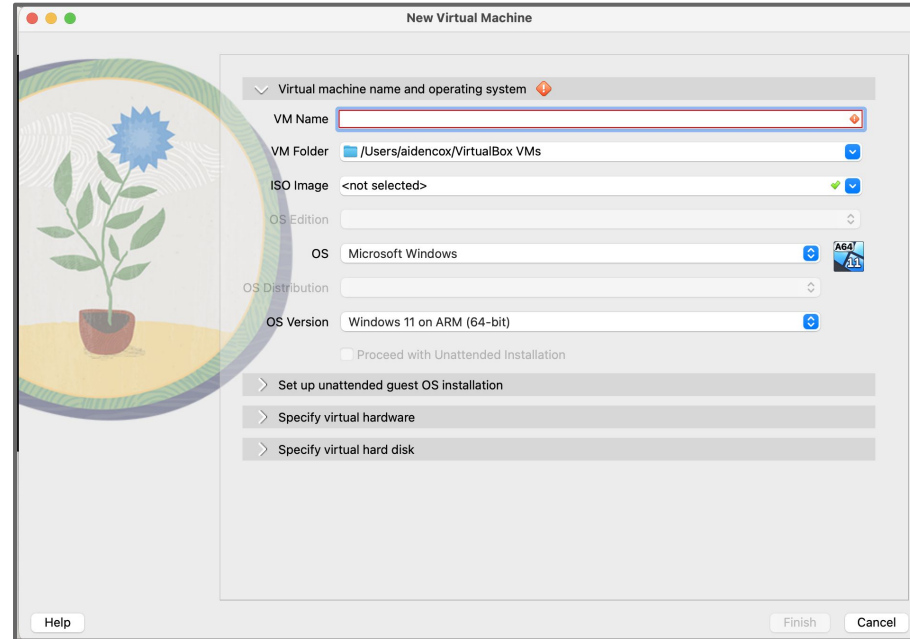
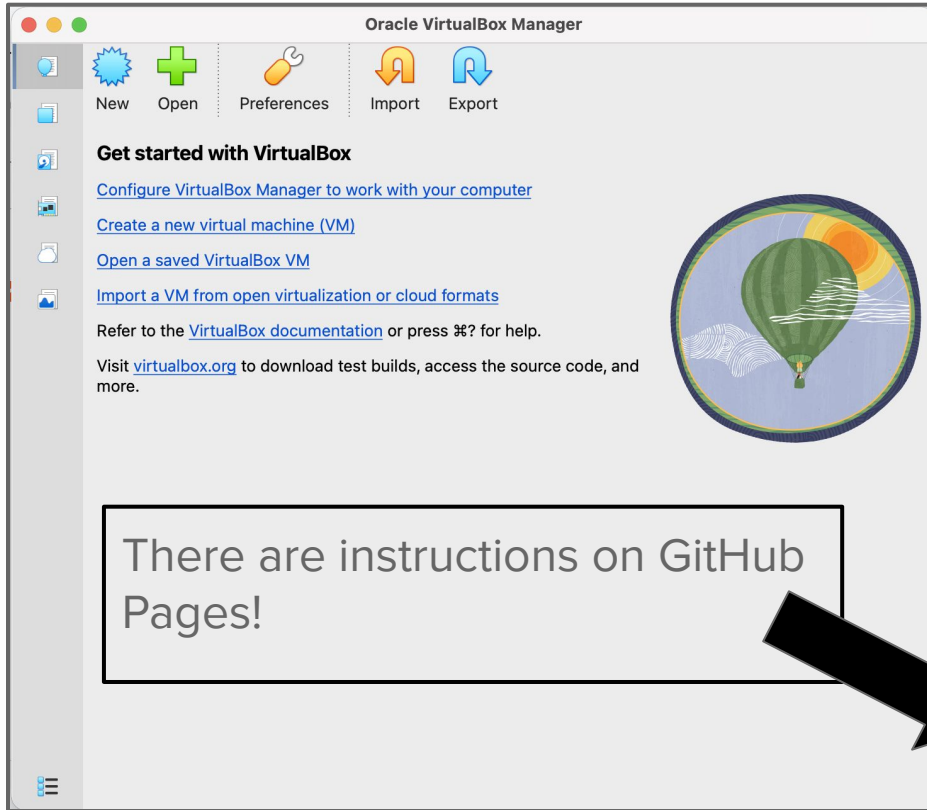
# System Discovery - Part 1

For my Mac people!

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



# Virtualize the Machine - Part 2



<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?dataspan=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!

Quote of the week:

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