

In-Class Assignment 9 - May 30th, 2019

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- 1. Which file is taking up the most space (1pt), what type of file is it (2 pts) and how much space is it taking up? (2 pts).**

File: hiberfil.sys

Type: System File

Size: 6.3 GB

- 2. Which file is taking up the next largest amount of space (1 pt)? How large is it compared to the first file (1 pts)?**

File: Zamana Air Backdrop.mov

Size: 4.7 GB

It is 1.6 GB less than the hiberfil.sys file

- 3. Does the visualization make it easy to see which files are the largest, or did you have to do some investigating? Explain (3 pts).**

The visualization made it pretty easy to understand which file was the biggest due to the distinct and easily identifiable nature of the large rectangle represented. The fact that its size was bigger stood for how big the file is in the entire drive and hence gave me a clear idea as to why it was the biggest, thanks to the visualization.

- 4. Does the visualization make it easy to see which file is the smallest, or did you have to do some clicking around? (2 pts)**

The visualization doesn't help much in locating the smallest file due to the large number of files present in my drive which causes the size of the smallest file to be so minute that it is almost impossible to locate the file without some clicking around.

- 5. What was the most surprising result? Why? (3 pts).**

It was surprising to see a system file which is meant for hibernation of the laptop to save power is bigger compared to the other files in the drive which are used more often. It was also surprising to see that there were some files in yellow (pdf files) which were noticeable as usually the PDF files aren't that large in nature and often compressed.

- 6. In one sentence, explain whether you feel this was an effective way to visualize the layout of your hard drive and the relative space each file is occupying (2 pts).**

This visualization was effective in understanding the different types of files and how they maybe possibly distributed amongst the folders in the drive but due to the large number of files possible, but it is a good representation of the grouping of the common folders and pathways.

7. Embed your image in your submission (3 pts)

