**Assignment: File Carving with a Tool of Your Choice**

**Objective:**

Practice file carving techniques to recover deleted files from a disk image using a file carving tool of your choice.

**Prerequisites:**

* Access to a disk image [https://mega.nz/file/1NR3BSSY#xXrNXsjdHYqxnbRacG7GwIaSpVk\_HEHimDRucThw6OM](https://mega.nz/file/1NR3BSSY%23xXrNXsjdHYqxnbRacG7GwIaSpVk_HEHimDRucThw6OM)
* Choose a file carving tool (e.g., Foremost, Scalpel, PhotoRec, or any other tool you're

**Tasks:**

**Setup:**

* Download the disk image from the provided link.
* Install a file carving tool of your choice on your computer.

**Initial Analysis:**

* Examine the disk image for its structure (partitions, file systems, etc.) using any disk analysis tool you prefer.

**File Carving:**

* Use your chosen file carving tool to recover deleted files from the disk image. Document the command or steps you used.
* Ensure you have enough storage space for the recovered files.

**Analysis of Recovered Files:**

* Catalog the types of files you successfully recovered.

**Report Writing:**

* Write a report detailing the process you followed, tools used, and findings from the recovered files.
* Include any challenges you faced during the file carving process and how you overcame them.