Assignment 4

Problem Statement: Write a computer forensic application program for Recovering permanent Deleted Files and Deleted Partitions.

OUTPUTS:

```
$  /usr/bin/env C:\\Users\\yadav\\AppData\\Local\\Programs\\Python\\Python39\\python.exe c:\\U
sers\\yadav\\.vscode\\extensions\\ms-python.python-2022.16.1\\pythonFiles\\lib\\python\\debugp
y\\adapter/../..\\debugpy\\launcher 52538 -- c:\\Users\\yadav\\Downloads\\CSDF\\4\ File\ Recov
ery\\FileRecovery.py
==== Found JPG at location: 0xa7c000 ====
==== Wrote JPG to location: 0.jpg ====

==== Found JPG at location: 0xa9c000 ====
==== Wrote JPG to location: 6.jpg ====

==== Found JPG at location: 0xcfc000 ====
==== Wrote JPG to location: 7.jpg ====

==== Found JPG at location: 0xd24000 ====
==== Wrote JPG to location: 8.jpg ====

==== Found JPG at location: 0xd44000 ====
==== Wrote JPG to location: 9.jpg ====
```

Files Recovered are:

Name	Date modified	Type	Size
0.jpg	09-11-2022 16:56	JPG File	128 KB
1.jpg	09-11-2022 16:56	JPG File	28 KB
2.jpg	09-11-2022 16:56	JPG File	134 KB
3.jpg	09-11-2022 16:56	JPG File	134 KB
4.jpg	09-11-2022 16:56	JPG File	128 KB
5.jpg	09-11-2022 16:56	JPG File	128 KB
6.jpg	09-11-2022 16:56	JPG File	28 KB
7.jpg	09-11-2022 16:56	JPG File	128 KB
8.jpg	09-11-2022 16:56	JPG File	128 KB
9.jpg	09-11-2022 16:56	JPG File	128 KB