

# 1 DAY 1 CHALLENGE ... until urgh ... I get gf?

DAY 16 (23<sup>rd</sup> Jan 2024) (by Syafiqlim)

## CLI File Organizer (Documents , Images , Sounds , Videos) [ Node.js , JavaScript ]

### Dependencies and requirements

1. No external node modules required , but obviously, Node.js runtime must be installed.
2. A folder with unorganized files  
(.pdf , .docx , .doc , .jpg , .png , .gif , .mp4 , .avi , .mkv , .mp3 , .wav)

### Flow

1. Modify the “organize.js” code, replace with your source directory.

```
const sourceDirectory = 'S:/1Day-1Challenge/Day16/files'; // Replace with your source directory
```

2. Execute “node organize.js”

3. See if file organized successfully

```
syafiq@SYAFIQLIMROG: S:\1Day-1Challenge\Day16
Y>node organize.js
Moved 1585208368207.jpg to S:\1Day-1Challenge\Day16\files\Images
Moved cutlofiraya1.mp3 to S:\1Day-1Challenge\Day16\files\Sounds
Moved Explanation&Result__Day15.pdf to S:\1Day-1Challenge\Day16\files\Documents
Moved Explanation__Day15.docx to S:\1Day-1Challenge\Day16\files\Documents
Moved Gravity Falls theme song but it's lofi hip hop.mp3 to S:\1Day-1Challenge\Day16\files\Sounds
Moved Result__Day13.mp4 to S:\1Day-1Challenge\Day16\files\Videos
Moved taihendattane.png to S:\1Day-1Challenge\Day16\files\Images
Files organized successfully.
```

Result

before :

File Explorer window showing the contents of the folder "files" in the path "Local Disk (S:) > 1Day-1Challenge > Day16".

Name	Date modified	Type	Size
Gravity Falls theme song but it's lofi hip h...	19/5/2020 5:16 PM	MP3 File	2,626 KB
cutlofiraya1.mp3	5/5/2021 9:34 AM	MP3 File	638 KB
1585208368207.jpg	26/3/2020 3:39 PM	JPG File	60 KB
taihendattane.png	31/12/2023 10:07 PM	PNG File	1,077 KB
Explanation&Result_Day15.pdf	22/1/2024 10:30 PM	Microsoft Edge PD...	123 KB
Explanation_Day15.docx	22/1/2024 10:29 PM	Microsoft Word D...	59 KB
Result_Day13.mp4	20/1/2024 9:58 PM	MP4 Video File (VL...	1,701 KB

after :

File Explorer window showing the contents of the folder "files" in the path "Local Disk (S:) > 1Day-1Challenge > Day16".

Name	Date modified	Type	Size
Documents	23/1/2024 9:57 PM	File folder	
Images	23/1/2024 9:57 PM	File folder	
Sounds	23/1/2024 9:57 PM	File folder	
Videos	23/1/2024 9:57 PM	File folder	

File Explorer window showing the contents of the folder "Images" in the path "Local Disk (S:) > 1Day-1Challenge > Day16 > files > Images".

Name	Date	Type	Size	Tags
1585208368207.jpg	26/3/2020 3:39 PM	JPG File	60 KB	
taihendattane.png	31/12/2023 10:07 PM	PNG File	1,077 KB	

File Explorer window showing the contents of the folder "Documents" in the path "Local Disk (S:) > 1Day-1Challenge > Day16 > files > Documents".

Name	Date modified	Type	Size
Explanation&Result_Day15.pdf	22/1/2024 10:30 PM	Microsoft Edge PD...	123 KB
Explanation_Day15.docx	22/1/2024 10:29 PM	Microsoft Word D...	59 KB

<div> <div> <div>↻</div> <div> <div>🖥️</div> <div>&gt;</div> <div>Local Disk (S:)</div> <div>&gt;</div> <div>1Day-1Challenge</div> <div>&gt;</div> <div>Day16</div> <div>&gt;</div> <div>files</div> <div>&gt;</div> <div>Sounds</div> </div> </div> </div>					
<div> <div> <div>📁</div> <div>📄</div> <div>🔍</div> <div>🔗</div> <div>🗑️</div> </div> <div> <div>↕️ Sort</div> <div>☰ View</div> <div>⋮</div> </div> </div>					
Name	#	Title	Contributing artists	Album	
🔊 cutlofiraya1.mp3					
🔊 Gravity Falls theme ...					

<div> <div> <div>↻</div> <div> <div>🖥️</div> <div>&gt;</div> <div>Local Disk (S:)</div> <div>&gt;</div> <div>1Day-1Challenge</div> <div>&gt;</div> <div>Day16</div> <div>&gt;</div> <div>files</div> <div>&gt;</div> <div>Videos</div> </div> </div> </div>					
<div> <div> <div>📁</div> <div>📄</div> <div>🔍</div> <div>🔗</div> <div>🗑️</div> </div> <div> <div>↕️ Sort</div> <div>☰ View</div> <div>⋮</div> </div> </div>					
Name	Date		Type	Size	Length
📺 Result_Day13.mp4	20/1/2024 9:58 PM		MP4 Video File (VL...	1,701 KB	00:00:07