How to restore deleted items from Recycle bin with PowerShell.

If a SharePoint online user has deleted a huge amount of folders and files, he had in Document Library by chance, you can write a PowerShell script to restore it, instead do it manually.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Script \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*



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The script takes the following params:

1. User name who deleted files
2. Site collection url

(eg: https://g7crtipl-my.sharepoint.com/personal/sonali\_wetal\_g7cr\_in)

1. Timestamp of items deleted date (ex., start 2017-02-01 00:00:00 and end date 2017-02-02 23:59:59)

The script does the following actions:

1. Takes all site collection Recycle bin items and assign it into an array variable
2. It sorts an array in descending using merge method
3. Limit deleted items count to the start date you enter in the script (ex. If recycle bin contains 8000 items from 2016-02-01 till 2017-02-02 and you want to restore items deleted for one particular day 2017-02-02, the items count will be limited to the start date)
4. Checks if deleted item is equal to timestamp
5. Checks the user you entered in input
6. Creates CSV report with sorted and deleted by the user items
7. Restores deleted items one by one from $csvReport filtered and sorted array with following methods

                                     $\_.DeletedItem.Restore()

                                     $ctx.ExecuteQuery()