# Crackers Write Up

## Cracking password

The xlsx file is protected by a password and we can't view it, given the name of the challenge is crackers, we can guess that its about cracking the password.

We used office2john to extract the password hash for the file with this command "python3 office2john.py BusinessDocuments.xlsx > hash.txt".

Clean up hash.txt by removing the 1st part and only leaving out the $office$... part

We then used JohnTheRipper and rockyou.txt to bruteforce all the possible passwords with "john –format=office –wordlist=rockyou.txt hash.txt".

After running for a while, we find the password which is "dungeon"

## Finding flag

There are a bunch of fake flags around the sheet, challenge mentions "All i know is that its the end but i dont know what this means????". We checked the very end of the sheet (very bottom and very right) and we found the flag.

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