1. **Purpose of the Utility:**

The **repoCleaner** utility automates the process of maintaining clean and efficient Git repositories by:

\* Scanning all branches and detecting those inactive branches beyond a set period (default: 1 year).

\* Providing interactive prompts to delete stale branches or keep the necessary ones.

\* Supporting multiple repositories at once for faster  
  
**2. Setup:**

> Fork the below repositories to your own Github Account.  
  
 <https://github.com/github/docs>

<https://github.com/github/gh-ost>

<https://github.com/github/dmca>

<https://github.com/github/DPG-guidance>   
  
> Create a folder named **Git\_Utility** on your local machine.  
  
> Inside the folder, create a file named **masterRepoList.txt** containing the URLs of the forked repositories. One repo per line  
  
> Also create shell script named **repoCleaner.sh**, I have provided shell script in below repo you can clone or download from that repo.   
   
 Repo: <https://github.com/shanmugamnaga/Git_Utility>   
  
> Give appropriate execution permission to the file.  
  
> Run below command to execute shell script.  
 **$./ repoCleaner.sh**  
  
**3. What the Script Does:**The script automates branch cleanup with the following steps:

* Clones the repositories if not already cloned.
* Fetches all branches.
* Counts total no. of branches and identifies stale branches.
* Prompts you to select stale branches to delete or delete all stale branches at once.
* Displays an executive summary with branch status and deleted branches.
* In output you could see highlighted colors to easily identify the repo name and actions to be taken.

**4. Push your changes to Github:**

* Push the related documents and scripts into your public repository.  
  git add repoCleaner.shgit commit -m "Added repoCleaner utility script"  
   git push origin main
* Share the Github public repo URL with script and document.