POC -4

ABDUR RAHMAN

IIND YEAR-CSE

Creating a Simple Backup Script for a Git Repository on Windows

Step 1: Create the Backup Script

1.Open Notepad or any text editor

2.Make changes accoding to your preferences
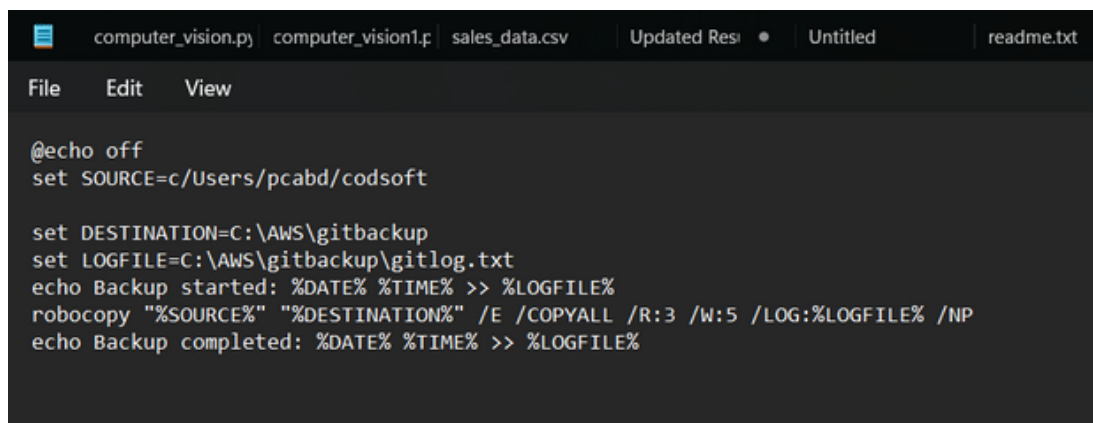
```
@echo off

set SOURCE=c/Users/pcabd/codsoft
```

set DESTINATION=C:\AWS\gitbackup

set LOGFILE=C:\AWS\gitbackup\gitlog.txt

echo Backup started: %DATE% %TIME% >> %LOGFILE%

robocopy "%SOURCE%" "%DESTINATION%" /E /COPYALL /R:3 /W:5 /LOG:%LOGFILE% /NP

echo Backup completed: %DATE% %TIME% >> %LOGFILE%

```
[ computer_vision.py  computer_vision1.p  sales_data.csv    Updated Res  ●  Untitled    readme.txt ]

File    Edit    View

@echo off
set SOURCE=c/Users/pcabd/codsoft

set DESTINATION=C:\AWS\gitbackup
set LOGFILE=C:\AWS\gitbackup\gitlog.txt
echo Backup started: %DATE% %TIME% >> %LOGFILE%
robocopy "%SOURCE%" "%DESTINATION%" /E /COPYALL /R:3 /W:5 /LOG:%LOGFILE% /NP
echo Backup completed: %DATE% %TIME% >> %LOGFILE%
```

why because this is your repo and the repo is copy in your backup when its is starts to run

```
C:\Windows\system32\cmd.e:    ×      +    ⌄

****   /MIR can DELETE files as well as copy them !
The system cannot find the path specified.

C:\Users\pcabd>C:\AWS\backup.bat

 Log File : C:\AWS\gitbackup\gitlog.txt

C:\Users\pcabd>git rev-parse --show-toplevel
fatal: not a git repository (or any of the parent directories): .git

C:\Users\pcabd>cd C:\Users\pcabd\codsoft

C:\Users\pcabd\codsoft>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

C:\Users\pcabd\codsoft>git clone https://github.com/pcabdur/codsoft.git
Cloning into 'codsoft'...
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 9 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (9/9), 4.18 KiB | 4.18 MiB/s, done.
Resolving deltas: 100% (1/1), done.
```

Step 2: Automate with Task Scheduler

1. Open **Task Scheduler** (Win + S, search "Task Scheduler").
2.
3. Click **Create Basic Task**.
4.
5. Enter a **name** (e.g., "Git Backup") and **description**, then click **Next**.
6.
7. Select **Daily** (or any frequency you prefer) and click **Next**.
8.
9. Set the **time** for the backup to run and click **Next**.
10.
11. Choose **Start a Program** and click **Next**.
12.
13. Click **Browse**, select backup.bat, and click **Next**.
14.
15. Click **Finish** to save the task.
16.

Step 3: Verify Automation

1. In **Task Scheduler**, find the task under **Task Scheduler Library**.

2.
3. Right-click the task and select **Run** to test it.
4.
5. Check C:\GitBackup and backup_log.txt to ensure the backup was created.
6.

THANK YOU !!