St. JOSEPH'S GROUP OF INSTITUTIONS
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aws

Placement Empowerment Program

Cloud Computing and DevOps Centre

Task:Automate File Copying With a Script

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Introduction

A **batch file** is a simple script file with the extension .bat (or .cmd) that contains a sequence of commands for the Windows operating system. It allows users to automate repetitive tasks, such as copying files from one folder to another, without the need for manual intervention.

When working with files and folders, batch files can be particularly useful for automating file management tasks, making them faster, more consistent, and easier to execute.

Overview

Here's what we will cover in this setup:

1. Set the Sorce and Destination: Set the file that has to transfer from one folder to another folder

2. Open Notepad: Open the Notepad and the batch code to notepad

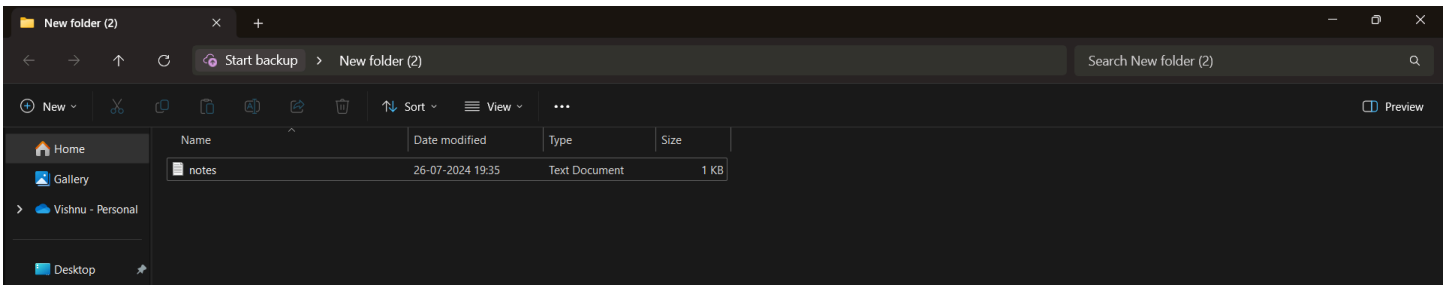
3. Copy as file path: right click on your file it shows the copy as the file path

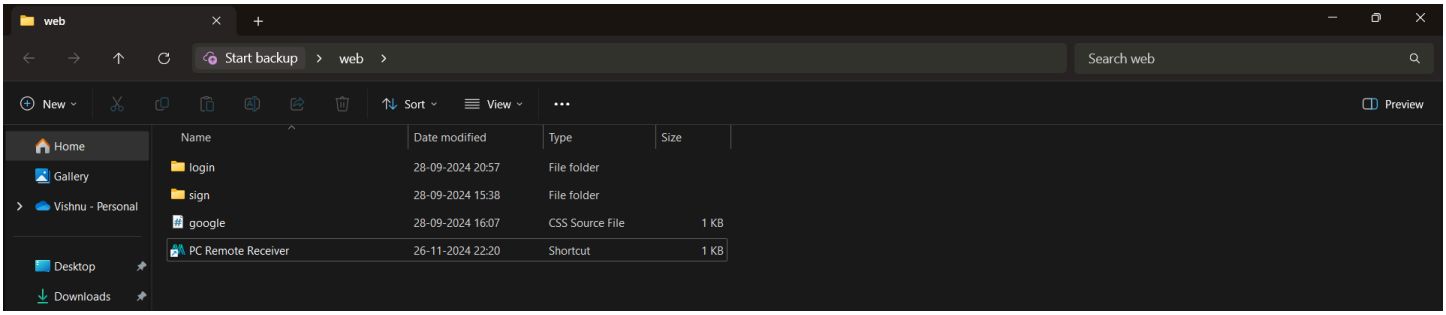
4. Run the code: just double-click the batch extension file

Step-by-Step Overview

Step 1:

Set the file that has to be transfer from one folder to another folder





Step 2

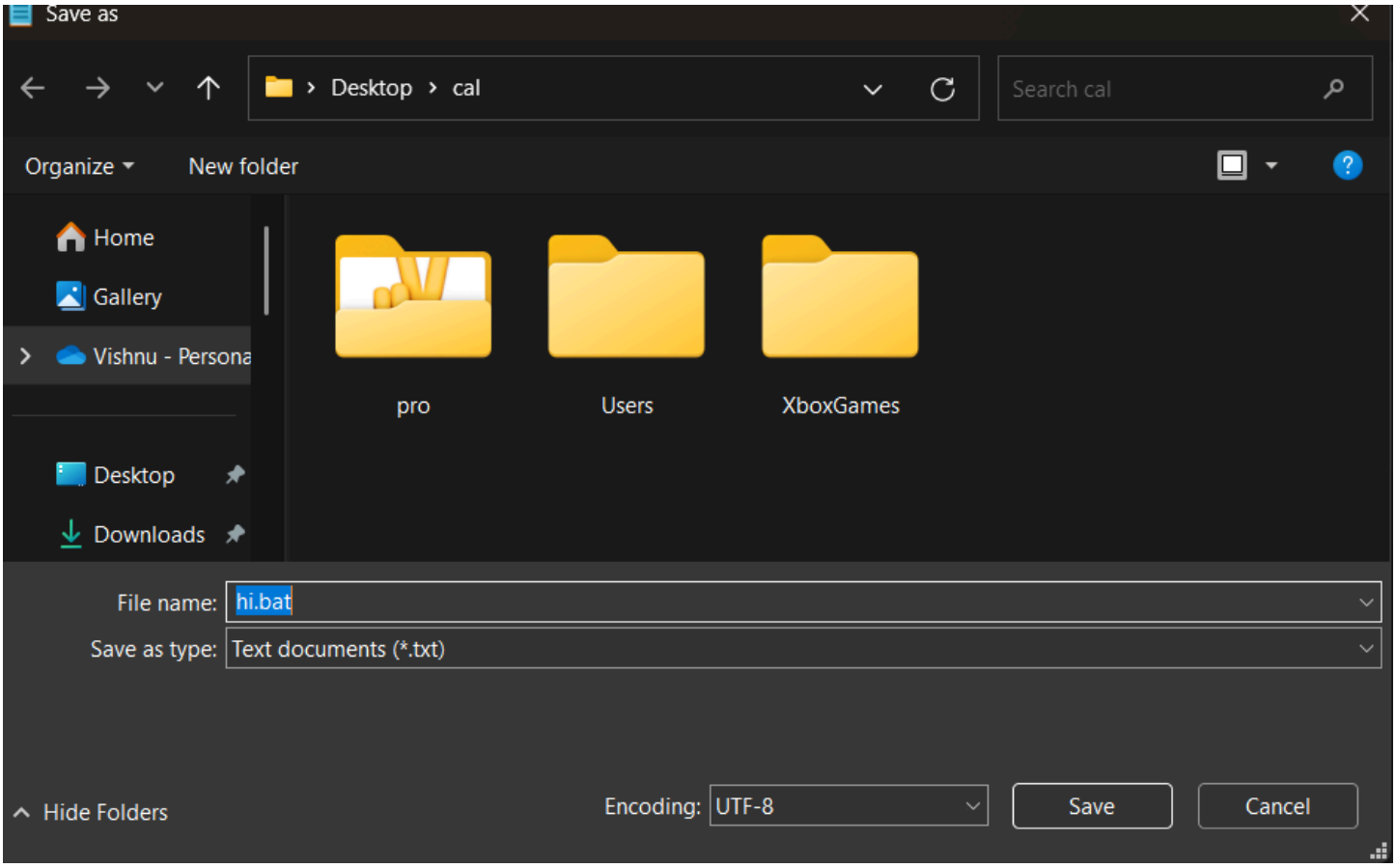
Now click the Windows button and search for notepad enter the below code into the notepad

```
@echo off
set SOURCE="C:\Users\vishn\Desktop\New folder (2)\notes.txt"
set DESTINATION="C:\Users\vishn\Desktop\web"

if not exist %DESTINATION% (
    mkdir %DESTINATION%
)


xcopy /E /I /Y %SOURCE% %DESTINATION%


echo Files copied successfully to %DESTINATION%.
pause
```

Now save the file using .bat extension

Step 3:

Now go to file location right click the file and press copy as path and paste into the source and again go to destination folder then right click the folder press copy as path finally copy into the destination

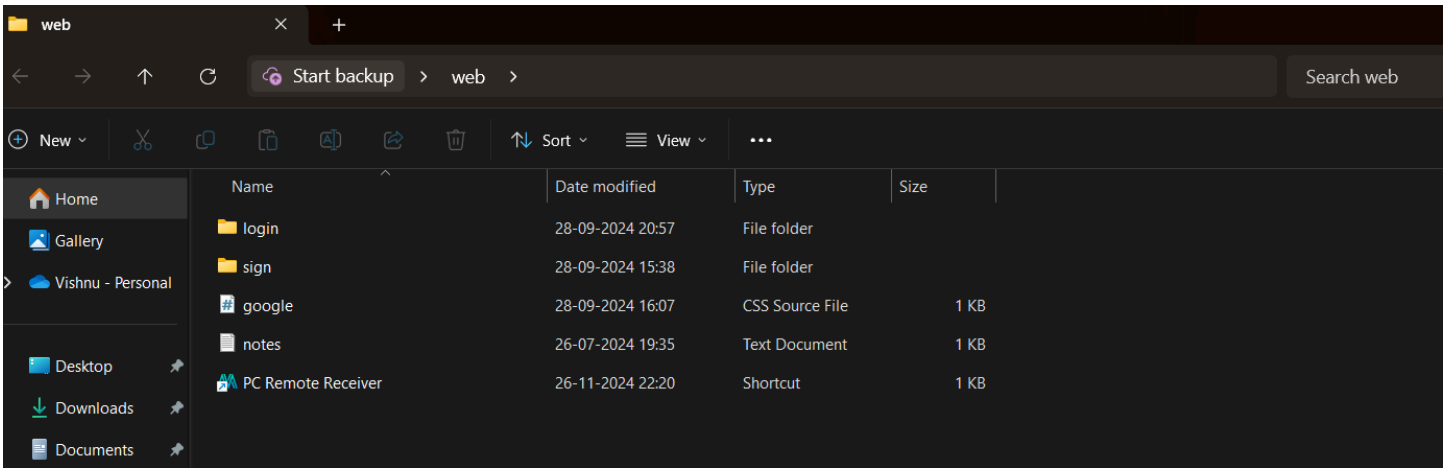


Step 4:

Run the code by double click the source file

Step 5

Finally open the command and run the extension



Expected Outcome

By completing this PoC of setting up a local Git repository, you will:

1. Successfully initialize a Git repository in your local static website folder.

2. Track changes made to your website files (HTML, CSS, etc.) using Git version control.

3. Understand the basic Git commands (git init, git add, git commit) for version control.

4. Commit your changes locally with a descriptive commit message.

5. Gain hands-on experience with Git and how it helps manage and track website file changes.