**AIM** - Work with some configuration commands & create batch files in the DOS environment.

**THEORY** - A batch file (also known as a .bat file or batch script) is a **text file** that the Windows **cmd.exe** command line processor **executes as a batch job**.Command Prompt assumes both the role of interpreter and runtime environment. Put simply, a batch file is a computer program or script containing data or tasks that are processed sequentially by Command Prompt.

Batch files (also known as .bat files) are closely associated with Command Prompt. These files contain native commands that cmd.exe uses to process a sequence of commands.

**PROCEDURE -**

### Step 1: Basics

1. type “Notepad” in the Windows search bar and click on the Notepad icon in the search results
2. you need to know common system commands and understand how they work in batch files. These commands are :

* **ECHO**: Turns on the on-screen text display for executed commands
* **@ECHO OFF**: Turns off the on-screen text display for executed commands
* **START**: Runs a file with its default associated application
* **REM**: Indicates a comment line
* **MKDIR/RMDIR**: Creates or deletes a directory
* **DEL:** Deletes selected file(s)
* **COPY:** Copies selected file(s)
* **TITLE**: Sets the title of the CMD window

**Step 2: Create and save a batch file**

We write a simple script that creates multiple directories on a selected disk on your computer. For example, if you create and run a batch file with the following input, it will create two directories named “*Example1*” and “*Example2*” on drive C:

MKDIR C:\Example1

MKDIR C:\Example2

### Step 3: Run the new batch script

Either run the script in the familiar Windows Explorer environment or open Command Prompt and run it using a command-line command.

The first option is simpler and easier for beginners because all you have to do is go to the directory where the batch file is located and double-click to run it.

If you want to open the batch file from the command line instead, do the following:

1. Go to the Windows search bar and type cmd.
2. Click Command Prompt to open the command line in the standard way. If you need administrator privileges to run it, right-click Command Prompt and then choose Run as Administrator.
3. Use the “Change directory” command (cd) to go to the directory where the batch file is located.
4. Type the name of the batch script (including the file extension) and press Enter.

### Step 4: Editing batch files

If you want to add or remove commands or modify directories. To do this, simply go to the folder containing the command line script and right-click it. Then choose Edit:  
  
**CONCLUSION** - We explained unique features of useful scripts and saw how to create, run, save batch files.