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**Course: Guvi DevOps**

**Task Number: 1**

**Task Name: File Creation**

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### Task Description:

1. Create a directory called `my_folder`, navigate into it, and create a file named `my_file.txt` with some text. Then, create another file named `another_file.txt` with some text. Concatenate the content of `another_file.txt` to `my_file.txt` and display the updated content. Finally, list all files and directories in the current directory.

```
ubuntu@ip-172-31-11-11:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-11-11:~$ ls -ltr
total 0
ubuntu@ip-172-31-11-11:~$ mkdir my_folder
ubuntu@ip-172-31-11-11:~$ ls -ltr
total 4
drwxrwxr-x 2 ubuntu ubuntu 4096 May 15 15:40 my_folder
ubuntu@ip-172-31-11-11:~$ cd my_folder/
ubuntu@ip-172-31-11-11:~/my_folder$ pwd
/home/ubuntu/my_folder
ubuntu@ip-172-31-11-11:~/my_folder$ nano my_file.txt
ubuntu@ip-172-31-11-11:~/my_folder$ ls -ltr
total 4
-rw-rw-r-- 1 ubuntu ubuntu 37 May 15 15:42 my_file.txt
ubuntu@ip-172-31-11-11:~/my_folder$ cat my_file.txt
Hi, This is Prashanth Sample File 1.
ubuntu@ip-172-31-11-11:~/my_folder$ nano another_file.txt
ubuntu@ip-172-31-11-11:~/my_folder$ ls -ltr
total 8
-rw-rw-r-- 1 ubuntu ubuntu 37 May 15 15:42 my_file.txt
-rw-rw-r-- 1 ubuntu ubuntu 37 May 15 15:43 another_file.txt
ubuntu@ip-172-31-11-11:~/my_folder$ cat another_file.txt
Hi, This is Prashanth Sample File 2.
ubuntu@ip-172-31-11-11:~/my_folder$ cat another_file.txt >> my_file.txt
ubuntu@ip-172-31-11-11:~/my_folder$ ls -ltr
total 8
-rw-rw-r-- 1 ubuntu ubuntu 37 May 15 15:43 another_file.txt
-rw-rw-r-- 1 ubuntu ubuntu 74 May 15 15:44 my_file.txt
ubuntu@ip-172-31-11-11:~/my_folder$ cat my_file.txt
Hi, This is Prashanth Sample File 1.
Hi, This is Prashanth Sample File 2.
ubuntu@ip-172-31-11-11:~/my_folder$ ls -ltr
total 8
-rw-rw-r-- 1 ubuntu ubuntu 37 May 15 15:43 another_file.txt
-rw-rw-r-- 1 ubuntu ubuntu 74 May 15 15:44 my_file.txt
ubuntu@ip-172-31-11-11:~/my_folder$ pwd
/home/ubuntu/my_folder
ubuntu@ip-172-31-11-11:~/my_folder$ █
```

2. Create 20 files with .txt extensions and rename the first 5 files to .yaml extension and Print the latest created top 5 files among the total no of files"

### Creating a New Folder and Getting inside directory.

```
ubuntu@ip-172-31-11-11:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-11-11:~$ ls -ltr
total 4
drwxrwxr-x 2 ubuntu ubuntu 4096 May 15 15:43 my_folder
ubuntu@ip-172-31-11-11:~$ mkdir my_folder2
ubuntu@ip-172-31-11-11:~$ ls -ltr
total 8
drwxrwxr-x 2 ubuntu ubuntu 4096 May 15 15:43 my_folder
drwxrwxr-x 2 ubuntu ubuntu 4096 May 15 16:09 my_folder2
ubuntu@ip-172-31-11-11:~$ cd my_folder2/
ubuntu@ip-172-31-11-11:~/my_folder2$ pwd
/home/ubuntu/my_folder2
ubuntu@ip-172-31-11-11:~/my_folder2$
```

## Creating 20 files with .txt extension

```
total 4
drwxrwxr-x 2 ubuntu ubuntu 4096 May 15 15:43 my_folder
ubuntu@ip-172-31-11-11:~$ mkdir my_folder2
ubuntu@ip-172-31-11-11:~$ ls -ltr
total 8
drwxrwxr-x 2 ubuntu ubuntu 4096 May 15 15:43 my_folder
drwxrwxr-x 2 ubuntu ubuntu 4096 May 15 16:09 my_folder2
ubuntu@ip-172-31-11-11:~$ cd my_folder2/
ubuntu@ip-172-31-11-11:~/my_folder2$ pwd
/home/ubuntu/my_folder2
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 1.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 2.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 3.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 4.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 5.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 6.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 7.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 8.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 9.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 10.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 11.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 12.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 13.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 14.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 15.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 16.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 17.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 18.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 19.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ touch 20.txt
ubuntu@ip-172-31-11-11:~/my_folder2$ ls -ltr
total 0
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 1.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 2.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 3.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 4.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 5.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 6.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 7.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 8.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 9.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 10.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 11.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 12.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 13.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 14.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 15.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 16.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 17.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 18.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 19.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 20.txt
ubuntu@ip-172-31-11-11:~/my_folder2$
```

**Rename the first 5 files to .yaml extension and Print the latest created top 5 files among the total no of files**

```
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 4.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 5.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 6.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 7.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 8.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 9.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 10.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 11.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 12.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 13.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 14.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 15.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 16.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 17.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 18.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 19.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 20.txt
ubuntu@ip-172-31-11-11:~/my_folder2$
ubuntu@ip-172-31-11-11:~/my_folder2$ mv 1.txt 1.yaml
ubuntu@ip-172-31-11-11:~/my_folder2$ mv 2.txt 2.yaml
ubuntu@ip-172-31-11-11:~/my_folder2$ mv 3.txt 3.yaml
ubuntu@ip-172-31-11-11:~/my_folder2$ mv 4.txt 4.yaml
ubuntu@ip-172-31-11-11:~/my_folder2$ mv 5.txt 5.yaml
ubuntu@ip-172-31-11-11:~/my_folder2$
ubuntu@ip-172-31-11-11:~/my_folder2$ ls -ltr
total 0
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 1.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 2.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 3.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 4.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 5.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 6.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 7.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 8.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 9.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 10.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 11.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 12.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 13.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 14.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 15.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 16.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 17.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 18.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 19.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 20.txt
ubuntu@ip-172-31-11-11:~/my_folder2$
ubuntu@ip-172-31-11-11:~/my_folder2$ ls -lt | tail -n 5
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 5.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:10 4.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 3.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 2.yaml
-rw-rw-r-- 1 ubuntu ubuntu 0 May 15 16:09 1.yaml
ubuntu@ip-172-31-11-11:~/my_folder2$
```