

# Assignment 1

1. Create a directory with a few test files in it (the files can be empty). Now write a script that for every file in that directory you rename it to have an extension of today's date in YYYYMMDD format.

Script:

```
#!/bin/bash

#Variables

work_dir=$1

#Commands to perform

echo "Directory to change file names: $work_dir"

[ "$work_dir" == "" ] && { echo "Directory not provided"; exit 1; }
[ ! -d "$work_dir" ] && { echo "Directory $work_dir not found."; exit 1; }

cd "$work_dir"

ls

for file in *
do
    mv "$file" "${file%.*}.${date +"%Y%m%d"}" &> /dev/null
done

ls

#End of script
~
```

Output:

```
[root@nakujh Desktop]# vi AppendDateToFilename.sh
[root@nakujh Desktop]# ./AppendDateToFilename.sh /Assignment
Directory to change file names: /Assignment
file1 file2 file3
file1.20201213 file2.20201213 file3.20201213
[root@nakujh Desktop]# █
```