

Assignment 1

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Branch : CS

```
#!/bin/bash

path1=$1
path2=$2

log_file=file.txt

if [ ! -d "$path2" ]; then
    echo "Destination folder does not exist"
    exit 1;
fi

for f in "$path1"/*;do
    file_name= $(basename "$f")
    if [ ! -e "$path2/$file_name" ]; then
        cp "$f" "$path2"
        echo "Copied $file_name" >> "$log_file"
    else
        echo "Skip (dublicate) $file_name" >> "$log_file"
    fi
done
```

```
C:\Windows\System32>wsl
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ mkdir A
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ mkdir B
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ cd A
akshat@AkshatEliteBook:/mnt/c/Windows/System32/A$ touch 1.txt,2.txt,3.txt
akshat@AkshatEliteBook:/mnt/c/Windows/System32/A$ cd ..
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ cd B
akshat@AkshatEliteBook:/mnt/c/Windows/System32/B$ touch 2.txt
akshat@AkshatEliteBook:/mnt/c/Windows/System32/B$ sh s1.sh 2.txt A B
sh: 0: cannot open s1.sh: No such file
akshat@AkshatEliteBook:/mnt/c/Windows/System32/B$ sg s1.sh A B
sg: group 's1.sh' does not exist
akshat@AkshatEliteBook:/mnt/c/Windows/System32/B$ cd ..
```

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akshat@AkshatEliteBook:/mnt/c/Windows/System32$ sh s7.sh file.txt
12 ski
12 (dbliae)
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s7.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ sh s1.sh A B
s1.sh: 14: 1.txt: not found
s1.sh: 14: 1.txt,2.txt,3.txt: not found
s1.sh: 14: 2.txt: not found
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ sh s1.sh folderA folderB
s1.sh: 14: 1.txt: not found
s1.sh: 14: 2.txt: not found
s1.sh: 14: 3.txt: not found
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ chmod +x s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ sh s1.sh folderA folderB
s1.sh: 14: 1.txt: not found
s1.sh: 14: 2.txt: not found
s1.sh: 14: 3.txt: not found
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ bash s1.sh folderA folderB
s1.sh: line 14: 1.txt: command not found
s1.sh: line 14: 2.txt: command not found
s1.sh: line 14: 3.txt: command not found
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ sh s1.sh A B
s1.sh: 14: 1.txt: not found
s1.sh: 14: 1.txt,2.txt,3.txt: not found
s1.sh: 14: 2.txt: not found
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ sh 1.txt 2.txt A
sh: 0: cannot open 1.txt: No such file
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ bash s1.sh 1.txt 2.txt B
Destination folder does not exist
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ bash s1.sh 1.txt,2.txt,3.txt folderB
s1.sh: line 14: 0409: command not found
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ ./s1.sh folderA folderB
./s1.sh: line 14: 1.txt: command not found
./s1.sh: line 14: 2.txt: command not found
./s1.sh: line 14: 3.txt: command not found
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ ./s1.sh folderA folderB
./s1.sh: line 14: 1.txt: command not found
./s1.sh: line 14: 2.txt: command not found
./s1.sh: line 14: 3.txt: command not found
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ vi s1.sh
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ ./s1.sh folderA folderB
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ cd folderB
akshat@AkshatEliteBook:/mnt/c/Windows/System32/folderB$ ls
1.txt 2.txt 3.txt
akshat@AkshatEliteBook:/mnt/c/Windows/System32/folderB$ █

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```
#!/bin/bash
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```
file="$1"
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```
cat "$file" | tr -s '[:space:]' '\n' | tr -d '[":puclt:]' | tr 'A-Z' 'a-z' | \
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grep -v '^$' | sort | uniq -c | sort -nr | head -5
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```
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ sh s7.sh file.txt
```

```
12 ski
```

```
12 (dbliae)
```

```
akshat@AkshatEliteBook:/mnt/c/Windows/System32$ _
```