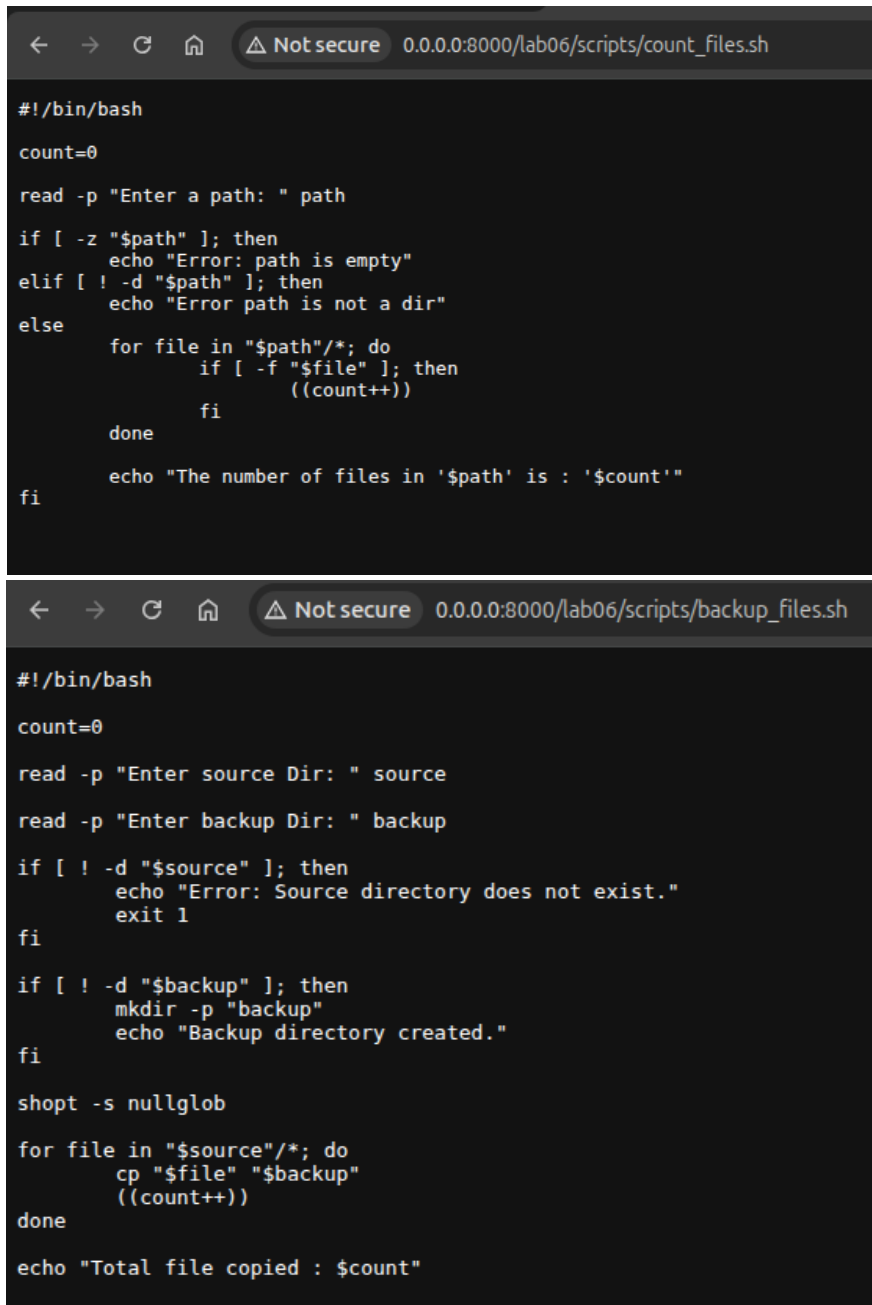Week6 lab

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Assignment(01)

△ Not secure 0.0.0.0:8000/lab06/scripts/count_files.sh

```bash
#!/bin/bash

count=0

read -p "Enter a path: " path

if [ -z "$path" ]; then
        echo "Error: path is empty"
elif [ ! -d "$path" ]; then
        echo "Error path is not a dir"
else
        for file in "$path"/*; do
                if [ -f "$file" ]; then
                        ((count++))
                fi
        done

        echo "The number of files in '$path' is : '$count'"
fi
```

△ Not secure 0.0.0.0:8000/lab06/scripts/backup_files.sh

```bash
#!/bin/bash

count=0

read -p "Enter source Dir: " source

read -p "Enter backup Dir: " backup

if [ ! -d "$source" ]; then
        echo "Error: Source directory does not exist."
        exit 1
fi

if [ ! -d "$backup" ]; then
        mkdir -p "backup"
        echo "Backup directory created."
fi

shopt -s nullglob

for file in "$source"/*; do
        cp "$file" "$backup"
        ((count++))
done

echo "Total file copied : $count"
```

```bash
#!/bin/bash

option=0;

while [[ "$option" != [qQ] ]]; do

echo "[1] to use the count file program."
echo "[i] to show about this program"
echo "[q] to quit this program"
echo "[b] to backup your files"
read -p "Enter an option: " option

case "$option" in
q|Q)
        echo "Exiting.."
        exit 1
        ;;
i|I)
        echo "This program allow you to choose between 3 options and one option can count how many files in your inputted dir."
        echo  "date of creation (last modification) of the script : $(date +%Y)"
        echo "Owner : LancD"
        echo "version 0.1"
        ;;
1)
        ./count_files.sh
        ;;
b|B)
        ./backup_files.sh
        ;;
*)
        echo "Invalid option"
        ;;
esac

done
```

Comand line with time:

(i forgot to screen shot my command in my terminal so here is all the command i do today for this lab)

2026-02-19 19:32:00 clear

2026-02-19 19:24:13 python3 -m http.server 8000 &

2026-02-19 19:24:08 cd ..

2026-02-19 19:23:20 ./backup_program.sh

2026-02-19 19:22:34 nano backup_files.sh

2026-02-19 19:21:27 pwd

2026-02-19 19:19:36 nano backup_program.sh

2026-02-19 19:19:14 ls

2026-02-19 19:19:13 cd scripts/

2026-02-19 19:18:12 ./scripts/backup_program.sh

2026-02-19 19:17:34 ls -la

2026-02-19 19:14:50 cp count_program.sh backup_program.sh

2026-02-19 19:12:37 cat count_program.sh

2026-02-19 19:12:22 celar

2026-02-19 19:10:53 ./scripts/backup_files.sh

2026-02-19 19:10:36 backups/

2026-02-19 19:10:33 cat backups/

2026-02-19 19:10:18 lw

2026-02-19 16:40:34 rm -rf backup/

2026-02-19 16:38:38 bash

2026-02-19 16:35:12 rmdir backup

2026-02-19 16:34:21 ./backup_files.sh

2026-02-19 16:33:39 chmod +x backup_files.sh

2026-02-19 15:56:10 ./count_program.sh

2026-02-19 15:55:35 nano count_program.sh

2026-02-19 15:54:14 chmod +x count_program.sh

2026-02-19 15:51:21 cp count_options.sh count_program.sh

2026-02-19 15:51:08 rm count_program.sh

2026-02-19 15:50:16 ./count_options.sh -> ./count_program.sh

2026-02-19 15:49:43 count_options.sh -> count_program.sh

2026-02-19 15:29:08 ./count_options.sh

2026-02-19 15:28:02 nano count_options.sh

2026-02-19 15:05:28 chmod +x count_options.sh

2026-02-19 14:54:50 nano count_files.sh

2026-02-19 14:51:56 nano Seth.sh

2026-02-19 14:51:51 ./Seth.sh

2026-02-19 14:51:49 cd

2026-02-19 14:45:07 ssh IDTB110230\@os.cammob.ovh

2026-02-19 14:42:14 ./count_files.sh

2026-02-19 14:41:59 rm test1.txt test2.txt

2026-02-19 14:40:43 read -p "Enter a path: " path

2026-02-19 14:40:43 count=0

2026-02-19 14:36:33 chmod +x count_files.sh

2026-02-19 14:27:21 touch count_files.sh

2026-02-19 14:27:08 cd ../scripts/

2026-02-19 14:26:23 touch file1.txt file2.txt file3.log

2026-02-19 14:26:03 cd data/

2026-02-19 14:25:23 cd lab06/

2026-02-19 14:25:16 mv backups/ data/ scripts/ lab06/

2026-02-19 14:24:49 mkdir data backups scripts

2026-02-19 14:24:22 mkdir lab06

2026-02-19 14:22:18 ssh IDTB23011@os.cammob.ovh

2026-02-19 14:04:56 ./test.sh

2026-02-19 14:04:47 nano test.sh

2026-02-19 14:03:46 chmod +x test.sh

2026-02-19 14:02:04 touch test.sh

2026-02-19 14:01:49 claer

2026-02-19 14:01:48 c;ear

2026-02-19 14:01:45 cd week6

2026-02-19 14:01:36 cd operatingSystem/