

More on Loops

- 1) Retype nested-for.sh bash script using nested while loop
- 2) Save your program with the name: nested-while.sh

#commands in terminal

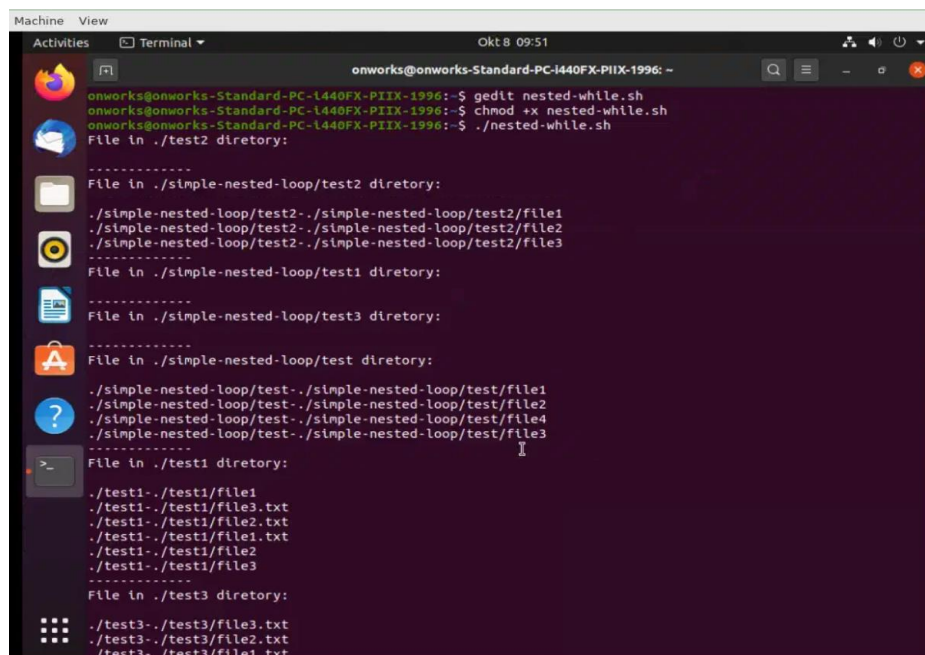
```
gedit nested-while.sh
chmod +x nested-while.sh
./nested-while.sh
```

#commands in bash terminal

```
#!/usr/bin/bash

find . -type d -name "test*" | while read -r dir;do
    echo "Files in $dir directory:"
    echo ""
    find "$dir" -maxdepth 1 -type f | while read -f file;do
        echo "$file"
    done
    echo "-----"
done
```

OUTPUT:



```
onworks@onworks-Standard-PC-I440FX-PIIX-1996:~$ gedit nested-while.sh
onworks@onworks-Standard-PC-I440FX-PIIX-1996:~$ chmod +x nested-while.sh
onworks@onworks-Standard-PC-I440FX-PIIX-1996:~$ ./nested-while.sh
File in ./test2 directory:
-----
File in ./simple-nested-loop/test2 directory:
./simple-nested-loop/test2./simple-nested-loop/test2/file1
./simple-nested-loop/test2./simple-nested-loop/test2/file2
./simple-nested-loop/test2./simple-nested-loop/test2/file3
-----
File in ./simple-nested-loop/test1 directory:
-----
File in ./simple-nested-loop/test3 directory:
-----
File in ./simple-nested-loop/test directory:
./simple-nested-loop/test./simple-nested-loop/test/file1
./simple-nested-loop/test./simple-nested-loop/test/file2
./simple-nested-loop/test./simple-nested-loop/test/file4
./simple-nested-loop/test./simple-nested-loop/test/file3
-----
File in ./test1 directory:
./test1./test1/file1
./test1./test1/file3.txt
./test1./test1/file2.txt
./test1./test1/file1.txt
./test1./test1/file2
./test1./test1/file3
-----
File in ./test3 directory:
./test3./test3/file3.txt
./test3./test3/file2.txt
./test3./test3/file1.txt
```

```
File in ./simple-nested-loop/test directory:
./simple-nested-loop/test-./simple-nested-loop/test/file1
./simple-nested-loop/test-./simple-nested-loop/test/file2
./simple-nested-loop/test-./simple-nested-loop/test/file4
./simple-nested-loop/test-./simple-nested-loop/test/file3
-----
File in ./test1 directory:
./test1-./test1/file1
./test1-./test1/file3.txt
./test1-./test1/file2.txt
./test1-./test1/file1.txt
./test1-./test1/file2
./test1-./test1/file3
-----
File in ./test3 directory:
./test3-./test3/file3.txt
./test3-./test3/file2.txt
./test3-./test3/file1.txt
-----
File in ./test directory:
./test-./test/file3.txt
./test-./test/file2.txt
./test-./test/file1.txt
-----
```

Machine View

Activities Text Editor Okt 8 09:52

nested-while.sh Save

```
1#!/usr/bin/bash
2
3find . -type d -name "test*" | while read -r dir ;do
4  echo "File in $dir directory:"
5  echo ""
6  find "$dir" -maxdepth 1 -type f| while read -r file ;do
7    echo "$dir-$file"
8  done
9  echo "-----"
10 done
```