

## More on Loops

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



The image shows a code editor window at the top and a terminal window below it. The code editor displays a bash script named `filelisting.sh` with the following content:

```
1 #!/bin/bash
2 ls -d test*/ | while read -r dir; do
3     echo "Files in the directory $dir"
4     echo ""
5     ls -l $dir | while read -r file;do
6         echo "$file"
7     done
8     echo "-----"
9 done
```

The terminal window shows the execution of the script. The prompt is `bgmadhavan@bgm-virtual-machine:~$`. The user runs `./filelisting.sh`, and the output is as follows:

```
bgmadhavan@bgm-virtual-machine:~$ ./filelisting.sh
Files in the directory test1/

file1
file2
file3
-----
Files in the directory test2/

file1
file2
file3
-----
Files in the directory test3/

file1
file2
file3
-----
```