1. List of commands for creating/removing directories, files, and links.

- How to create folders and files:

```
mkdir -p lnx_hw_1/dir1 lnx_hw_1/dir2
touch lnx_hw_1/src.txt
touch lnx_hw_1/dir2/src3.txt lnx_hw_1/dir2/src4.txt
```

- How to create soft links:

```
ln -s src1.txt src1_not_damaged_soft_link
ln -s src2.txt src2_not_damaged_soft_link
ln -s src3.txt src3_damaged_soft_link
ln -s src4.txt src4_damaged_soft_link
```

- Two ways how to remove links:

```
rm src3.txt src4.txt
rm src3_damaged_soft_link src4_damaged_soft_link

unlink src3_damaged_soft_link
unlink src4_damaged_soft_link
```

2. Output from 'tree command'

```
oleh.romanko@oleh lnx_hw_1 % tree
├── dir1
│   ├── src1.txt
│   ├── src1_not_damaged_soft_link -> src1.txt
│   ├── src2.txt
│   └── src2_not_damaged_soft_link -> src2.txt
├── dir2
│   ├── src3_damaged_soft_link -> src3.txt
│   └── src4_damaged_soft_link -> src4.txt
└── src.txt
3 directories, 7 files
```

3. Command to recursively remove all broken soft links

```
find . -type l ! -exec test -e {} \; -delete
```

before:
```
~/git_home_work/hw/draft_to on main !1 ?2 ❯ tree
at 18:25:49

.
├── dir1
│   ├── some_file
│   ├── src1.txt
│   ├── src1_not_damaged_soft_link
```

```
|   ├── src2.txt
|   └── src2_not_damaged_soft_link
├── dir2
├── lnx_hw_1
|   ├── dir1
|   |   ├── some_file
|   |   ├── src1.txt
|   |   ├── src1_not_damaged_soft_link -> src1.txt
|   |   ├── src2.txt
|   |   └── src2_not_damaged_soft_link -> src2.txt
|   ├── dir2
|   |   ├── src3_damaged_soft_link -> src3.txt
|   |   └── src4_damaged_soft_link -> src4.txt
|   ├── some_file
|   └── src.txt
├── some_file
└── src.txt
6 directories, 16 files
```

after:
```
~/git_home_work/hw/draft_to on main !1 ?2 ❯ tree
at 18:26:04
.
├── dir1
|   ├── some_file
|   ├── src1.txt
|   ├── src1_not_damaged_soft_link
|   ├── src2.txt
|   └── src2_not_damaged_soft_link
├── dir2
├── lnx_hw_1
|   ├── dir1
|   |   ├── some_file
|   |   ├── src1.txt
|   |   ├── src1_not_damaged_soft_link -> src1.txt
|   |   ├── src2.txt
|   |   └── src2_not_damaged_soft_link -> src2.txt
|   ├── dir2
|   ├── some_file
|   └── src.txt
├── some_file
└── src.txt

6 directories, 14 files
```