Adding and Removing Linux Permissions

Granting Permissions

Grant the execute permission to the group.

```
ls -l example.py
-rw-r--r-- 1 pi pi 4452 Jul 25 18:01 example.py
chmod g+x example.py --- g is for group, x is for execute
ls -l example.py
-rw-r-xr-- 1 pi pi 4452 Jul 25 18:01 example.py
```

```
  The group rights have changed from ----r------ to ----r-x---  (only looking at group, not listed Owner
or Other)
```

If required, more than one permission can be changed at once, for example I want to give write and execute to 'Other'

```
ls -l example.py
-rw-r--r-- 1 pi pi 4452 Jul 25 18:01 example.py
chmod o+wx example.py --- o is for owner, w is for write, x is for execute
ls -l example.py
-rw-r--rwx 1 pi pi 4452 Jul 25 18:01 example.py
```

```
  The Other rights have changed from --------r-- to -------rwx
```

Removing permissions

This is the exact opposite, instead of using a + (plus) we use a - (minus)

```
ls -l example.py
-rw-r--rwx 1 pi pi 4452 Jul 25 18:01 example.py
chmod o-wx example.py --- o is for owner, w is for write, x is for execute
ls -l example.py
-rw-r--r-- 1 pi pi 4452 Jul 25 18:01 example.py
```

```
  The Other rights have changed from --------rwx to -------r--
```

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