

# Permission check

```
[root@dev adhamscripts]# touch a.txt
[root@dev adhamscripts]# ls -la.txt
ls: invalid option -- '.'
Try 'ls --help' for more information.
[root@dev adhamscripts]# ls -l a.txt
-rw-r--r--. 1 root root 0 Nov 18 23:44 a.txt
[ro $1 dev adhamscripts]#
[root@dev adhamscripts]#
```

```
#!/bin/bash

input_file=$1
input_permission=$2

real_file_permission=$(ls -l "$input_file" | awk '{print $1}')

if [ "$real_file_permission" == "$input_permission" ]
then
    echo "the permission of file : \"$input_file\" is correct and is \"$real_file_permission\""
else
    echo "the permission of file that you enter : \"$input_file\" is inncorrect and the real permission is \"$real_file_permission\""
fi
```

```
[root@dev adhamscripts]# vim perm_chk.sh
[root@dev adhamscripts]# chmod +x perm_chk.sh
[root@dev adhamscripts]# ./perm_chk.sh /adhamscripts/a.txt -rw-r--r--.
the permission of file : /adhamscripts/a.txt is correct and is -rw-r--r--.
[root@dev adhamscripts]#
[root@dev adhamscripts]# ./perm_chk.sh /adhamscripts/a.txt -rw-r--rw-.
the permission of file that you enter : /adhamscripts/a.txt is inncorrect and the real permission is -rw-r--r--.
[root@dev adhamscripts]#
```