

Project 2

1. Write an awk script with two parameter the file name and the number

- At the beginning print the file name or information that there is no parameter
- Print only the lines that their length is longer than a given number.
Each line should have its number at the beginning.
- At the end print information how many lines were omitted (because they were too short).

- Examples:

```
.\script.awk
```

No file name

```
.\script.awk file.txt
```

file.txt

1. Ola has a cat.

2. Anna is 19.

3. I eat.

Omitted lines: 0

```
.\script.awk file.txt 8
```

file.txt

1. Ola has a cat.

2. Anna is 19.

Omitted lines: 1

```
.\script.awk file.txt 50
```

file.txt

Omitted lines: 3

- **Remark:** If somebody wants, the script can have only one parameter – name of file, and the number user gives from keyboard.

To get the value from user you can use getline method. Below you've example:

```
#!/usr/bin/awk -f
```

```
BEGIN{
```

```
getline name < "-"
```

```
print Hello,name
```

```
}
```

2. Write a batch script with 2 parameters directory and letter.

- If the number of parameters is wrong – print information.
- If the directory doesn't exist – print information.
- Print name of all regular files in this directory that starts with given letter.
- Delete all these files.

- Example:

```
script.bat
```

Too few parameters

```
script.bat dir file k
```

Too many parameters

```
script.bat dir k
```

No directory dir

Content of dir1 before: file.txt kite.txt dog.txt kate.txt

```
script.bat dir1 k
```

Files that start with k:

kite.txt

kate.txt

Content of dir1 after: file.txt dog.txt