

## Answers to Assignment No. 3 - AWK:

(BT17ECE021 - Ambarish .P. Chandurkar)

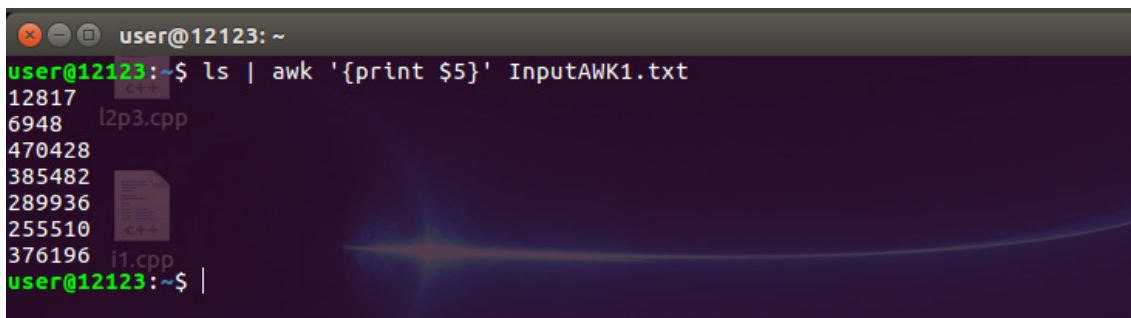
Original File:

```
-rwx----- 1 mijpl mijpl 12817 Oct 22 00:13 normal_rand.cpp
-rw----- 1 mijpl raj 6948 Oct 22 00:17 random_numbers.f90
-rw----- 1 mijpl raj 470428 Oct 21 11:56 uniform_rand_231.agr
-rwx----- 1 mijpl mijpl 385482 Oct 21 11:54 uniform_rand_232.agr
-rw----- 1 mijpl mijpl 289936 Oct 21 11:59 uniform_rand_period_1.agr
-rwx----- 1 mijpl john 255510 Oct 21 12:07 uniform_rand_period_2.zip
-rw----- 1 mijpl john 376196 Oct 21 12:07 uniform_rand_period_3.tar
```

Ans 1)

Command input on terminal: awk '{print \$5}' InputAWK1.txt

Changed File :

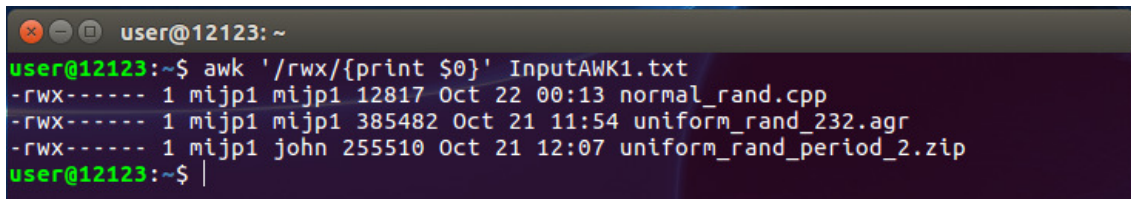


```
user@12123: ~
user@12123:~$ ls | awk '{print $5}' InputAWK1.txt
12817
6948  l2p3.cpp
470428
385482
289936
255510
376196  j1.cpp
user@12123:~$ |
```

Ans 3)

Command input on terminal: awk '/rwx/{print \$0}' InputAWK1.txt

Changed File :



```
user@12123: ~
user@12123:~$ awk '/rwx/{print $0}' InputAWK1.txt
-rwx----- 1 mijpl mijpl 12817 Oct 22 00:13 normal_rand.cpp
-rwx----- 1 mijpl mijpl 385482 Oct 21 11:54 uniform_rand_232.agr
-rwx----- 1 mijpl john 255510 Oct 21 12:07 uniform_rand_period_2.zip
user@12123:~$ |
```

Ans 4)

Command input on terminal: `awk '/.tar/{print $0}' InputAWK1.txt`

Changed File :

```
user@12123: ~  
user@12123:~$ awk '/.tar/{print $0}' InputAWK1.txt  
-rw----- 1 mijp1 john 376196 Oct 21 12:07 uniform_rand_period_3.tar  
user@12123:~$ |
```

Ans 5)

Command input on terminal: `awk '/raj/{print $0}' InputAWK1.txt`

Changed File :

```
user@12123: ~  
user@12123:~$ awk '/raj/{print $0}' InputAWK1.txt  
-rw----- 1 mijp1 raj 6948 Oct 22 00:17 random_numbers.f90  
-rw----- 1 mijp1 raj 470428 Oct 21 11:56 uniform_rand_231.agr  
user@12123:~$ |
```

Ans 2)

Command input on terminal: `awk 'NR % 3 == 0' InputAWK1.txt`

Changed File :

```
THIS-PC@AAAPC ~  
$ awk 'NR % 3 == 0' InputAWK1.txt  
-rw----- 1 mijp1 raj 470428 Oct 21 11:56 uniform_rand_231.agr  
-rwx----- 1 mijp1 john 255510 Oct 21 12:07 uniform_rand_period_2.zip
```