

# Praktikum 14

```
Ubuntu 14.04.6 LTS localhost tty1
localhost login: tsabita
Password:
Last login: Sat Jan 10 20:02:53 WIB 2026 on tty1
Welcome to Ubuntu 14.04.6 LTS (GNU/Linux 4.4.0-142-generic i686)

 * Documentation:  https://help.ubuntu.com/

System information as of Thu Jan 22 08:35:54 WIB 2026

System load: 0.07      Memory usage: 1%    Processes:   74
Usage of /:  44.8% of 2.42GB   Swap usage:  0%    Users logged in: 0

Graph this data and manage this system at:
https://landscape.canonical.com/

Your Hardware Enablement Stack (HWE) is supported until April 2019.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

tsabita@localhost:~$
```

```
tsabita@localhost:~$ awk 'BEGIN { print "tsabita" }'
tsabita
tsabita@localhost:~$ awk ' { print } '
Now is the time for all good men
Now is the time for all good men
to come to the aid of their country
to come to the aid of their country
Four score and years ago, ...
Four score and years ago, ...
What, me worry?
What, me worry?
```

```
tsabita@localhost:~$ nano program
```

```
GNU nano 2.2.6      File: program      Modified
#! /usr/bin/awk -f
BEGIN { print "I wonder this is a long program" }
```

Nano File untuk di-Tulis: program

Ctrl-B	Bantuan	Ctrl-D	Format DOS	Ctrl-H	Tambah	Ctrl-O	Backup File
Ctrl-C	Batal	Ctrl-F	Format Mac	Ctrl-Y	Tambah		

```
tsabita@localhost:~$ chmod +x program
tsabita@localhost:~$ ./program
I wonder this is a long program
tsabita@localhost:~$ nano program
```

```
GNU nano 2.2.6      File: program      Modified

#! /usr/bin/awk -f

# This program prints a nice friendly message
# It helps keep novice user from miss understanding
BEGIN { print "This program contains comments" }
```

Nano File untuk di-Tells: program

Ⓜ Bantuan Ⓜ Format DOS Ⓜ Tambah Ⓜ Backup File  
Ⓜ Batal Ⓜ Format Mac Ⓜ Tambah

```
[ Wrote 6 lines ]

tsabita@localhost:~$ chmod +x program
tsabita@localhost:~$ ./program
This program contains comments
tsabita@localhost:~$ awk ' { print "Hello" } # lets be cute'
Hello
Hello
tsabita@localhost:~$ awk "BEGIN { print \"Don't Panic\" }"
Don't Panic
tsabita@localhost:~$ awk 'BEGIN { print "Here is a single quote <''''>" }'
Here is a single quote <'>
tsabita@localhost:~$ awk 'BEGIN { print "Here is a singlr quote <\'\'>" }'
Here is a single quote <'>
tsabita@localhost:~$ awk "BEGIN { print \"Here is a single quote <'>\n\" }"
> -bash: EOF tidak terduga ketika mencari untuk pencocokan ''
-bash: syntax error: tidak terduga diakhir dari berkas
tsabita@localhost:~$ awk "BEGIN { print \"Here is a single quote <'>\n\" }"
awk: cmd. baris:1: BEGIN { print "Here is a single quote <'>\n" }
awk: cmd. baris:1:      ^ String tidak terselesaikan
awk: cmd. baris:1: BEGIN { print "Here is a single quote <'>\n" }
awk: cmd. baris:1:      ^ syntax error
tsabita@localhost:~$ awk "BEGIN { print \"Here is a single quote <'>\n\" }"
Here is a single quote <'>
tsabita@localhost:~$ awk 'BEGIN { print "Here is a single quote <\47>" }'
Here is a single quote <'>
tsabita@localhost:~$ awk 'BEGIN { print "Heere is a double quote <\42>" }'
Heere is a double quote <'>
tsabita@localhost:~$ awk -v sq="" 'BEGIN { print "Here is a single quote <" sq ">" }'
Here is a single quote <'>
tsabita@localhost:~$
```