

Linux Basic Commands

Fattah Widjaya Gandhi

Soal no. 1:

```
Activities Terminal Sep 16 10:26 PM fattah@ubuntu: ~  
fattah@ubuntu:~$ ls  
a.img  
Applications  
CodeIgniter-3.1.7  
CodeIgniter-3.1.7.zip  
Coding  
Desktop  
Documents  
Downloads  
from_sh  
GitHubDesktop-linux-2.9.3-linux3.deb  
GitHubDesktop-linux-2.9.3-linux3.deb.1  
GitHubDesktop-linux-2.9.3-linux3.deb.2  
go  
hello  
javasharedresources  
fattah@ubuntu:~$ ls -al  
total 200832  
drwxr-xr-x 53 fattah fattah 4096 Sep 15 20:52 .  
drwxr-xr-x 3 root root 4096 Nov 3 2021 ..  
-rw-rw-r-- 1 fattah fattah 48271360 Feb 29 2008 a.img  
drwxr-xr-x 2 fattah fattah 4096 Jul 10 18:38 .android  
drwxrwxr-x 3 fattah fattah 4096 Mei 13 20:49 Applications  
drwxrwxr-x 5 fattah fattah 4096 Jun 26 15:56 .audacity-data  
-rw-r--r-- 1 fattah fattah 26131 Sep 15 21:04 .bash_history  
-rw-r--r-- 1 fattah fattah 220 Nov 3 2021 .bash_logout  
-rw-rw-r-- 1 fattah fattah 616 Feb 17 2022 .bash_profile  
-rw-r--r-- 1 fattah fattah 3771 Feb 17 2022 .bashrc  
drwxrwxr-x 5 fattah fattah 4096 Feb 5 2022 .bliss  
drwx----- 49 fattah fattah 4096 Agu 31 18:15 .cache  
drwxrwxr-x 5 fattah fattah 4096 Jan 13 2018 CodeIgniter-3.1.7  
-rw-rw-r-- 1 fattah fattah 2717801 Jun 28 22:26 CodeIgniter-3.1.7.zip  
drwxrwxr-x 11 fattah fattah 4096 Jul 18 18:56 Coding  
drwx----- 49 fattah fattah 4096 Sep 15 19:56 .config  
drwx----- 2 fattah fattah 4096 Agu 9 19:47 .cups  
drwxr-xr-x 3 fattah fattah 4096 Agu 31 18:32 Desktop  
drwxr-xr-x 17 fattah fattah 4096 Sep 15 21:04 Documents  
drwxr-xr-x 16 fattah fattah 24576 Sep 13 20:00 Downloads  
drwx----- 3 fattah fattah 4096 Agu 9 20:00 .enacs.d  
drwxrwxr-x 2 fattah fattah 4096 Sep 15 20:36 from_sh  
drwxrwxr-x 3 fattah fattah 4096 Feb 6 2022 .Genymobile  
-rw-rw-r-- 1 fattah fattah 192 Jun 28 21:22 .gitconfig  
-rw-r--r-- 1 root root 11553684 Jun 28 20:00 GitHubDesktop-linux-2.9.3-linux3.deb  
-rw-r--r-- 1 root root 71379536 Des 8 2021 GitHubDesktop-linux-2.9.3-linux3.deb.1  
-rw-r--r-- 1 root root 71379536 Des 8 2021 GitHubDesktop-linux-2.9.3-linux3.deb.2  
drwx----- 3 fattah fattah 4096 Jan 8 2022 .gnome  
drwx----- 3 fattah fattah 4096 Sep 12 19:32 .gnupg  
drwxrwxr-x 4 fattah fattah 4096 Jan 11 2022 go  
drwxrwxr-x 2 fattah fattah 4096 Agu 29 18:17 .gphoto  
drwxrwxr-x 2 fattah fattah 4096 Feb 23 2022 hello  
drwxrwxr-x 3 fattah fattah 4096 Jun 21 19:25 .ipython  
drwxrwxr-x 4 fattah fattah 4096 Des 24 2021 .java  
drwxrwxr-x 2 fattah fattah 4096 Feb 7 2022 javasharedresources  
drwxrwxr-x 2 fattah fattah 4096 Agu 31 21:58 .kaggle
```

- **ls** = digunakan untuk menampilkan direktori yang ada.
- **ls -al** =

```
Activities Terminal Sep 16 10:27 PM fattah@ubuntu: ~  
fattah@ubuntu:~$ ls -a -l  
total 200832  
drwxr-xr-x 53 fattah fattah 4096 Sep 15 20:52 .  
drwxr-xr-x 3 root root 4096 Nov 3 2021 ..  
-rw-rw-r-- 1 fattah fattah 48271360 Feb 29 2008 a.img  
drwxr-xr-x 2 fattah fattah 4096 Jul 10 18:38 .android  
drwxrwxr-x 3 fattah fattah 4096 Mei 13 20:49 Applications  
drwxrwxr-x 5 fattah fattah 4096 Jun 26 15:56 .audacity-data  
-rw-r--r-- 1 fattah fattah 26131 Sep 15 21:04 .bash_history  
-rw-r--r-- 1 fattah fattah 220 Nov 3 2021 .bash_logout  
-rw-rw-r-- 1 fattah fattah 616 Feb 17 2022 .bash_profile  
-rw-r--r-- 1 fattah fattah 3771 Feb 17 2022 .bashrc  
drwxrwxr-x 5 fattah fattah 4096 Feb 5 2022 .bliss  
drwx----- 49 fattah fattah 4096 Agu 31 18:15 .cache  
drwxrwxr-x 5 fattah fattah 4096 Jan 13 2018 CodeIgniter-3.1.7  
-rw-rw-r-- 1 fattah fattah 2717801 Jun 28 22:26 CodeIgniter-3.1.7.zip  
drwxrwxr-x 11 fattah fattah 4096 Jul 18 18:56 Coding  
drwx----- 49 fattah fattah 4096 Sep 15 19:56 .config  
drwx----- 2 fattah fattah 4096 Agu 9 19:47 .cups  
drwxr-xr-x 3 fattah fattah 4096 Agu 31 18:32 Desktop  
drwxr-xr-x 17 fattah fattah 4096 Sep 15 21:04 Documents  
drwxr-xr-x 16 fattah fattah 24576 Sep 13 20:00 Downloads  
drwx----- 3 fattah fattah 4096 Agu 9 20:00 .enacs.d  
drwxrwxr-x 2 fattah fattah 4096 Sep 15 20:36 from_sh  
drwxrwxr-x 3 fattah fattah 4096 Feb 6 2022 .Genymobile  
-rw-rw-r-- 1 fattah fattah 192 Jun 28 21:22 .gitconfig  
-rw-r--r-- 1 root root 11553684 Jun 28 20:00 GitHubDesktop-linux-2.9.3-linux3.deb  
-rw-r--r-- 1 root root 71379536 Des 8 2021 GitHubDesktop-linux-2.9.3-linux3.deb.1  
-rw-r--r-- 1 root root 71379536 Des 8 2021 GitHubDesktop-linux-2.9.3-linux3.deb.2  
drwx----- 3 fattah fattah 4096 Jan 8 2022 .gnome  
drwx----- 3 fattah fattah 4096 Sep 12 19:32 .gnupg  
drwxrwxr-x 4 fattah fattah 4096 Jan 11 2022 go  
drwxrwxr-x 2 fattah fattah 4096 Agu 29 18:17 .gphoto  
drwxrwxr-x 2 fattah fattah 4096 Feb 23 2022 hello  
drwxrwxr-x 3 fattah fattah 4096 Jun 21 19:25 .ipython  
drwxrwxr-x 4 fattah fattah 4096 Des 24 2021 .java  
drwxrwxr-x 2 fattah fattah 4096 Feb 7 2022 javasharedresources  
drwxrwxr-x 2 fattah fattah 4096 Agu 31 21:58 .kaggle
```

- **ls -a -l** =

```
Activities Terminal Sep 15 7:26 PM
fattah@ubuntu: ~

fattah@ubuntu:~$ cal
September 2022
Mi Se Se Ra Ka Ju Sa
      1  2  3
 4  5  6  7  8  9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30

fattah@ubuntu:~$ cal 2022
                2022
January          Februari          Maret
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1              1  2  3  4  5      1  2  3  4  5
 2  3  4  5  6  7  8  6  7  8  9 10 11 12  6  7  8  9 10 11 12
 9 10 11 12 13 14 15 13 14 15 16 17 18 19 13 14 15 16 17 18 19
16 17 18 19 20 21 22 20 21 22 23 24 25 26 20 21 22 23 24 25 26
23 24 25 26 27 28 29 27 28      27 28 29 30 31

April            Mei            Juni
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1  2      1  2  3  4  5  6  7      1  2  3  4
 3  4  5  6  7  8  9  8  9 10 11 12 13 14  5  6  7  8  9 10 11
10 11 12 13 14 15 16 15 16 17 18 19 20 21 12 13 14 15 16 17 18
17 18 19 20 21 22 23 22 23 24 25 26 27 28 19 20 21 22 23 24 25
24 25 26 27 28 29 30 29 30 31      26 27 28 29 30

Juli            Agustus          September
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1  2      1  2  3  4  5  6      1  2  3
 3  4  5  6  7  8  9  7  8  9 10 11 12 13  4  5  6  7  8  9 10
10 11 12 13 14 15 16 14 15 16 17 18 19 20 11 12 13 14 15 16 17
17 18 19 20 21 22 23 21 22 23 24 25 26 27 18 19 20 21 22 23 24
24 25 26 27 28 29 30 28 29 30 31      25 26 27 28 29 30
```

- **cal** = untuk menampilkan kalender.

```
Activities Terminal Sep 16 10:38 PM
fattah@ubuntu: ~

fattah@ubuntu:~$ date
Sun 16 Sep 2022 10:38:18 WIB
fattah@ubuntu:~$
```

- **Date** = untuk menampilkan tanggal pada sistem.

```
Activities Terminal Sep 15 7:33 PM
fattah@ubuntu: ~/project1

fattah@ubuntu:~$ cd project/
bash: cd: project/: No such file or directory
fattah@ubuntu:~$ mkdir project1
fattah@ubuntu:~$ cd project1
fattah@ubuntu:~/project1$ pwd
/home/fattah/project1
fattah@ubuntu:~/project1$ touch test1.txt
fattah@ubuntu:~/project1$ ls
test1.txt
fattah@ubuntu:~/project1$ echo "test echo" > test1.txt
fattah@ubuntu:~/project1$ cat test1.txt
test echo
fattah@ubuntu:~/project1$
```

- **Cd**= untuk berpindah ke direktori lain.
- **mkdir**= untuk membuat direktori baru.
- **pwd**= untuk mengetahui lokasi direktori yang sedang di akses.
- **Touch**= untuk membuat file baru.
- **Echo** = untuk menambahkan isi pada file.
- **Cat**= untuk mengetahui isi pada file.

```
Activities Terminal Sep 16 10:54 PM fattah@ubuntu: ~/project1/dua

fattah@ubuntu:~/project1$ ls
a.txt b.txt dua fattahTest1.sh satu test1.txt
fattah@ubuntu:~/project1$ mv a.txt /dua
mv: cannot move 'a.txt' to '/dua': Permission denied
fattah@ubuntu:~/project1$ mv a.txt c.txt
fattah@ubuntu:~/project1$ ls
b.txt c.txt dua fattahTest1.sh satu test1.txt
fattah@ubuntu:~/project1$ touch ab
fattah@ubuntu:~/project1$ ls
ab b.txt c.txt dua fattahTest1.sh satu test1.txt
fattah@ubuntu:~/project1$ mv ab/dua
mv: missing destination file operand after 'ab/dua'
Try 'mv --help' for more information.
fattah@ubuntu:~/project1$ mv ab /dua
mv: cannot move 'ab' to '/dua': Permission denied
fattah@ubuntu:~/project1$ rm ab
fattah@ubuntu:~/project1$ ls
b.txt c.txt dua fattahTest1.sh satu test1.txt
fattah@ubuntu:~/project1$ cp ab dua
cp: cannot stat 'ab': No such file or directory
fattah@ubuntu:~/project1$ touch mb
fattah@ubuntu:~/project1$ cp ab dua
cp: cannot stat 'ab': No such file or directory
fattah@ubuntu:~/project1$ cp mb dua
fattah@ubuntu:~/project1$ ls
b.txt c.txt dua fattahTest1.sh mb satu test1.txt
fattah@ubuntu:~/project1$ cd dua
fattah@ubuntu:~/project1/dua$ ls
mb
fattah@ubuntu:~/project1/dua$
```

- **Mv [file] / [direktori]** = untuk memindahkan file kedalam direktori lain.
- **Mv [nama file lama] [nama file baru]** = untuk mengganti nama file.
- **Rm** = untuk menghapus file/direktori.
- **Cp** = untuk menyalin file kedalam direktori lain.

```
Activities Terminal Sep 16 10:59 PM fattah@ubuntu: ~/project1

fattah@ubuntu:~/project1$ ls
b.txt c.txt dua fattahTest1.sh mb satu test1.txt
fattah@ubuntu:~/project1$ rmdir satu
fattah@ubuntu:~/project1$ ls
b.txt c.txt dua fattahTest1.sh mb test1.txt
fattah@ubuntu:~/project1$ rm -r dua
fattah@ubuntu:~/project1$ ls
b.txt c.txt fattahTest1.sh mb test1.txt
fattah@ubuntu:~/project1$
```

- **Rmdir**= untuk menghapus direktori kosong.
- **Rm -r [nama direktori]**=untuk menghapus direktori beserta isinya.

```

Activities  Terminal  Sep 16 11:00 PM  fattah@ubuntu: ~/project1

Tasks: 273 total, 1 running, 272 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1,6 us, 0,8 sy, 0,0 ni, 97,5 id, 0,1 wa, 0,0 hi, 0,0 si, 0,0 st
MiB Mem : 7828,3 total, 284,6 free, 3835,0 used, 3708,6 buff/cache
MiB Swap: 2048,0 total, 2046,7 free, 1,2 used. 3096,9 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR  S  %CPU  %MEM     TIME+ COMMAND
 5573 fattah    20   0 1037144 329040 154732 S   1,8   4,1   1:09.68 Telegram
2394  mysql    20   0 2385948 393496 36720  S   1,2   4,9   0:24.98 mysqld
5689 fattah    20   0   32,6g 299896 183992 S   1,2   3,7   1:26.27 chrome
2416 fattah    20   0  740332 151236 181340 S   0,6   1,9   2:23.27 Xorg
2747 fattah    20   0 4421868 301104 120036 S   0,6   3,8   2:11.96 gnome-shell
6076 fattah    20   0 820492   53500 39728  S   0,6   0,7   0:08.75 gnome-terminal-
 13 root      20   0      0      0      0  I   0,3   0,0   0:03.57 rcu_sched
131 root      0 -20      0      0      0  I   0,3   0,0   0:04.58 kworker/u33:0-l915_flip
201 root      20   0      0      0      0  I   0,3   0,0   0:01.20 kworker/u32:4-events_unbound
2048 root      20   0   2548    708    636  S   0,3   0,0   0:00.76 acpid
2095 root      20   0 483864 19884   16340 S   0,3   0,2   0:04.69 NetworkManager
2785 fattah    20   0 272728 28476   17472 S   0,3   0,4   0:01.31 ibus-extension-
2799 fattah    20   0 162908   6428   5788  S   0,3   0,1   0:00.62 at-spi2-registr
2932 fattah    20   0 3680252 90964   51448 S   0,3   1,1   0:04.84 java
5735 fattah    20   0   32,3g 113724 88788  S   0,3   1,4   0:25.67 chrome
5892 fattah    20   0 1128,9g 128680 93192  S   0,3   1,6   0:11.48 chrome
6008 fattah    20   0 1124,9g 307516 112732 S   0,3   3,8   0:26.44 chrome
24226 root      20   0      0      0      0  I   0,3   0,0   0:01.53 kworker/3:0-events
24326 root      20   0      0      0      0  I   0,3   0,0   0:00.14 kworker/0:1-events
24620 root      20   0      0      0      0  I   0,3   0,0   0:00.41 kworker/2:2-events
24773 root      20   0      0      0      0  I   0,3   0,0   0:00.21 kworker/1:2-events
24812 fattah    20   0 12020   3852   3172  R   0,3   0,0   0:00.06 top
   1 root      20   0 170656   11940 8248  S   0,0   0,1   0:01.61 systemd
   2 root      20   0      0      0      0  S   0,0   0,0   0:00.00 kthreadd
   3 root      0 -20      0      0      0  I   0,0   0,0   0:00.00 rcu_gp
   4 root      0 -20      0      0      0  I   0,0   0,0   0:00.00 rcu_par_gp
   5 root      0 -20      0      0      0  I   0,0   0,0   0:00.00 netns
   7 root      0 -20      0      0      0  I   0,0   0,0   0:00.00 kworker/0:0H-events_highpri
   9 root      0 -20      0      0      0  I   0,0   0,0   0:00.00 mm_percpu_wq
  10 root      20   0      0      0      0  S   0,0   0,0   0:00.00 rcu_tasks_rude_
  11 root      20   0      0      0      0  S   0,0   0,0   0:00.00 rcu_tasks_trace

fattah@ubuntu:~/project1$

```

- **Top** = untuk menampilkan sistem yang berjalan didalam linux ubuntu. Tekan tombol 'Q' untuk menghentikannya.
- **Clear** = untuk membersihkan terminal.

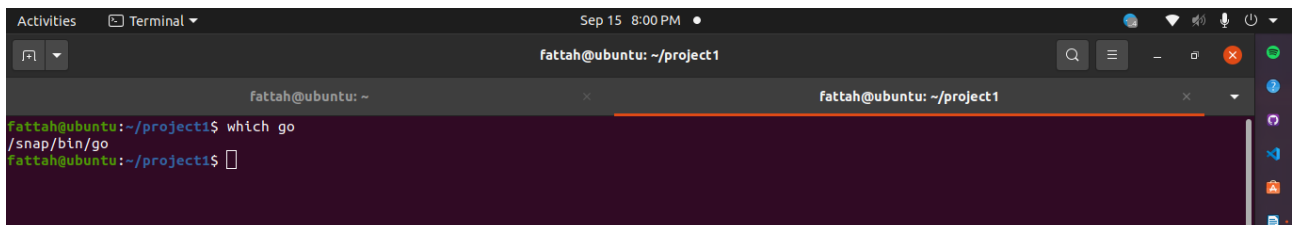
```

Activities  Terminal  Sep 16 11:01 PM  fattah@ubuntu: ~/project1

fattah@ubuntu:~/project1$ history
118 sudo apt update
119 sudo apt install --install-recommends winehq-stable
120 wine --version
121 sudo apt install wine # version 5.0-3ubuntu1
122 wine
123 sudo apt install wine # version 5.0-3ubuntu1
124 sudo dpkg --add-architecture i386
125 sudo apt update
126 apt list --upgradable
127 wget
128 sudo apt remove wget
129 sudo apt -y install software-properties-common wget
130 wget
131 curl wget
132 apt-get install wget
133 sudo apt-get install wget
134 wget
135 wine
136 ping id.archive.ubuntu.com
137 sudo dpkg -i ~/Downloads/komorebi-*.deb; sudo apt-get -f install
138 wine
139 wget -nc https://dl.winehq.org/wine-builds/winehq.key
140 sudo apt-key add winehq.key
141 sudo add-apt-repository 'deb https://dl.winehq.org/wine-builds/ubuntu/ focal main'
142 sudo apt update
143 sudo apt install --install-recommends winehq-stable
144 wine
145 winecfg
146 wine
147 wine PROGRAM
148 wine --version
149 winecfg
150 sudo mv /home/fattah/fart_tester_mk1 /System/Resources/Komorebi
151 sudo mv /home/fattah/aaa /System/Resources/Komorebi
152 glxinfo | grep Mesa
153 sudo add-apt-repository ppa:kisak/kisak-mesa
154 sudo apt update

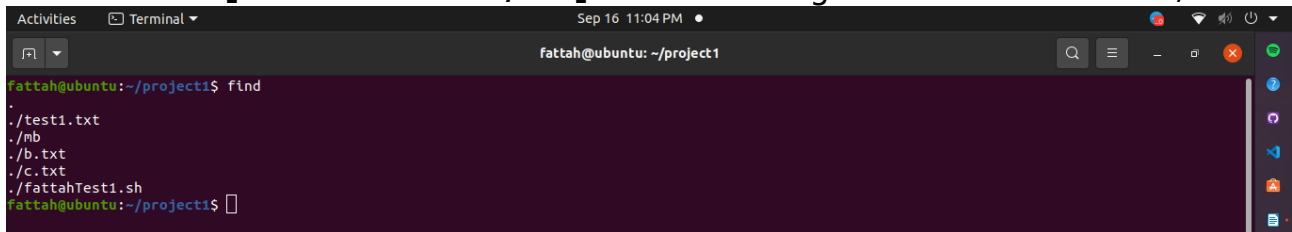
```

- **History**= untuk melihat segala aktivitas terminal sejak pertama kali digunakan.



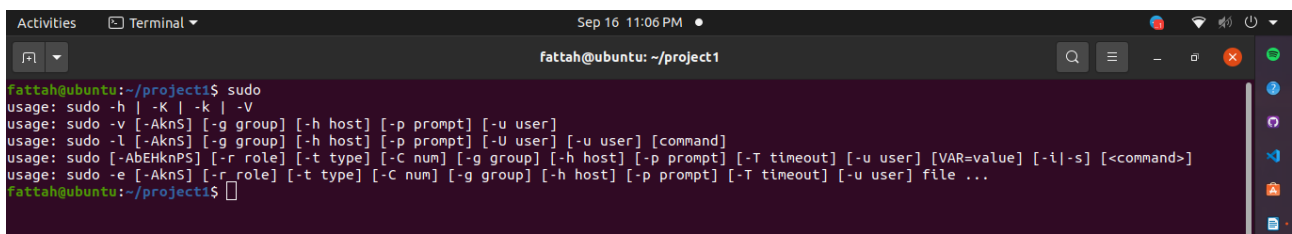
```
fattah@ubuntu: ~/project1
fattah@ubuntu: ~/project1
fattah@ubuntu:~/project1$ which go
/snap/bin/go
fattah@ubuntu:~/project1$
```

- **Which [nama direktori/file]** = untuk mengetahui lokasi direktori/file.



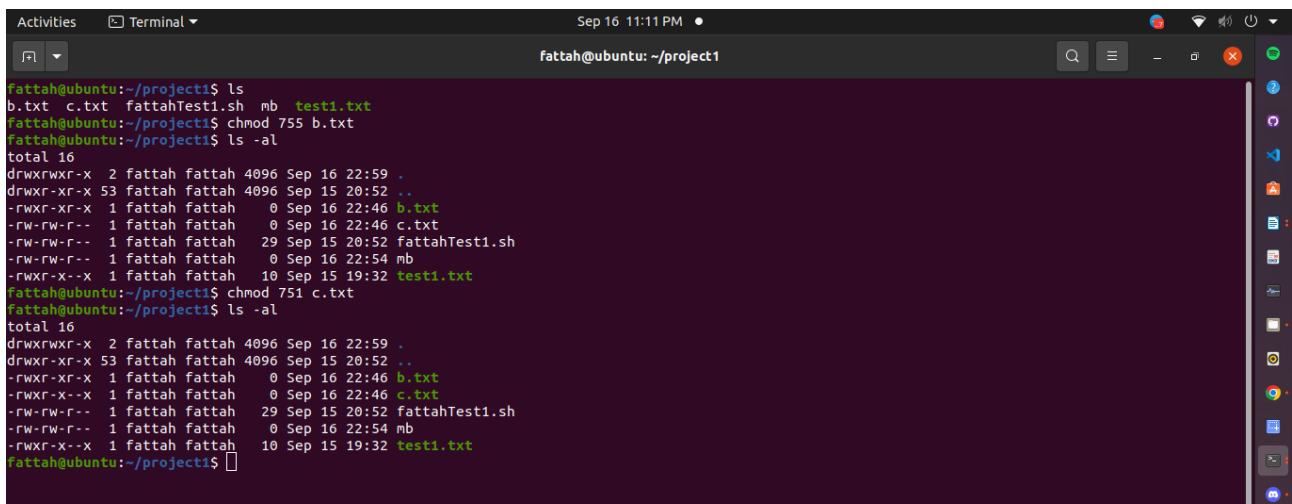
```
fattah@ubuntu:~/project1$ find
.
./test1.txt
./mb
./b.txt
./c.txt
./fattahTest1.sh
fattah@ubuntu:~/project1$
```

- **Find**= untuk mengetahui lokasi file atau direktori.



```
fattah@ubuntu:~/project1$ sudo
usage: sudo -h | -K | -k | -V
usage: sudo -v [-AknS] [-g group] [-h host] [-p prompt] [-u user]
usage: sudo -l [-AknS] [-g group] [-h host] [-p prompt] [-u user] [command]
usage: sudo [-AbEHknPS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] [VAR=value] [-i|-s] [<command>]
usage: sudo -e [-AknS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] file ...
fattah@ubuntu:~/project1$
```

- **Sudo**= digunakan untuk modifikasi, menambahkan, dan menghapus file didalam system secara *superAdmin*.



```
fattah@ubuntu:~/project1$ ls
b.txt  c.txt  fattahTest1.sh  mb  test1.txt
fattah@ubuntu:~/project1$ chmod 755 b.txt
fattah@ubuntu:~/project1$ ls -al
total 16
drwxrwxr-x 2 fattah fattah 4096 Sep 16 22:59 .
drwxr-xr-x 53 fattah fattah 4096 Sep 15 20:52 ..
-rwxr-xr-x 1 fattah fattah 0 Sep 16 22:46 b.txt
-rw-rw-r-- 1 fattah fattah 0 Sep 16 22:46 c.txt
-rw-rw-r-- 1 fattah fattah 29 Sep 15 20:52 fattahTest1.sh
-rw-rw-r-- 1 fattah fattah 0 Sep 16 22:54 mb
-rwxr-xr-x 1 fattah fattah 10 Sep 15 19:32 test1.txt
fattah@ubuntu:~/project1$ chmod 751 c.txt
fattah@ubuntu:~/project1$ ls -al
total 16
drwxrwxr-x 2 fattah fattah 4096 Sep 16 22:59 .
drwxr-xr-x 53 fattah fattah 4096 Sep 15 20:52 ..
-rwxr-xr-x 1 fattah fattah 0 Sep 16 22:46 b.txt
-rwxr-xr-x 1 fattah fattah 0 Sep 16 22:46 c.txt
-rw-rw-r-- 1 fattah fattah 29 Sep 15 20:52 fattahTest1.sh
-rw-rw-r-- 1 fattah fattah 0 Sep 16 22:54 mb
-rwxr-xr-x 1 fattah fattah 10 Sep 15 19:32 test1.txt
fattah@ubuntu:~/project1$
```

- **Chmod [kode] [direktori/file]**= untuk merubah keterangan akses pada file atau direktori.
- **Chmod 755 [direktori/file]**= untuk merubah keterangan direktori/file agar dapat dimodifikasi dan eksekusi.
- **Chmod 751 [direktori/file]**= untuk dapat merubah keterangan direktori/file agar dapat di eksekusi.

```

Activities Terminal Sep 16 11:22 PM
fattah@ubuntu: ~/project1

fattah@ubuntu:~/project1$ ls
b.txt c.txt fattahTest1.sh mb test1.txt
fattah@ubuntu:~/project1$ ls -all
total 16
drwxrwxr-x 2 fattah fattah 4096 Sep 16 22:59 .
drwxr-xr-x 53 fattah fattah 4096 Sep 15 20:52 ..
-rwxr-xr-x 1 fattah fattah 0 Sep 16 22:46 b.txt
-rwxr-xr-x 1 fattah fattah 0 Sep 16 22:46 c.txt
-rw-rw-r-- 1 fattah fattah 29 Sep 15 20:52 fattahTest1.sh
-rw-rw-r-- 1 fattah fattah 0 Sep 16 22:54 mb
-rwxr-xr-x 1 fattah fattah 10 Sep 15 19:32 test1.txt
fattah@ubuntu:~/project1$ chown fattah2 b.txt
chown: invalid user: 'fattah2'
fattah@ubuntu:~/project1$

```

-chown [nama file/direktori] [nama pengguna lain] = untuk memindahkan akses file/direktori ke pengguna lain.

Soal no. 2:

```

Activities Terminal Sep 16 11:27 PM
fattah@ubuntu: ~/project1

fattah@ubuntu:~/project1$ ls
b.txt c.txt fattahTest1.sh mb test1.txt
fattah@ubuntu:~/project1$ sh fattahTest1.sh

      2022
      Januari      Februari      Maret
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1            1 2 3 4 5      1 2 3 4 5
2 3 4 5 6 7 8    6 7 8 9 10 11 12 6 7 8 9 10 11 12
9 10 11 12 13 14 15 13 14 15 16 17 18 19 13 14 15 16 17 18 19
16 17 18 19 20 21 22 20 21 22 23 24 25 26 20 21 22 23 24 25 26
23 24 25 26 27 28 29 27 28      27 28 29 30 31
30 31

      April      Mei      Juni
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1 2      1 2 3 4 5 6 7      1 2 3 4
3 4 5 6 7 8 9    8 9 10 11 12 13 14 5 6 7 8 9 10 11
10 11 12 13 14 15 16 15 16 17 18 19 20 21 12 13 14 15 16 17 18
17 18 19 20 21 22 23 22 23 24 25 26 27 28 19 20 21 22 23 24 25
24 25 26 27 28 29 30 29 30 31      26 27 28 29 30

      Juli      Agustus      September
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1 2      1 2 3 4 5 6      1 2 3
3 4 5 6 7 8 9    7 8 9 10 11 12 13 4 5 6 7 8 9 10
10 11 12 13 14 15 16 14 15 16 17 18 19 20 11 12 13 14 15 16 17
17 18 19 20 21 22 23 21 22 23 24 25 26 27 18 19 20 21 22 23 24
24 25 26 27 28 29 30 28 29 30 31 25 26 27 28 29 30
31

      Oktober      November      Desember
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1            1 2 3 4 5      1 2 3
2 3 4 5 6 7 8    6 7 8 9 10 11 12 4 5 6 7 8 9 10
9 10 11 12 13 14 15 13 14 15 16 17 18 19 11 12 13 14 15 16 17
16 17 18 19 20 21 22 20 21 22 23 24 25 26 18 19 20 21 22 23 24
23 24 25 26 27 28 29 27 28 29 30 25 26 27 28 29 30 31

```

```

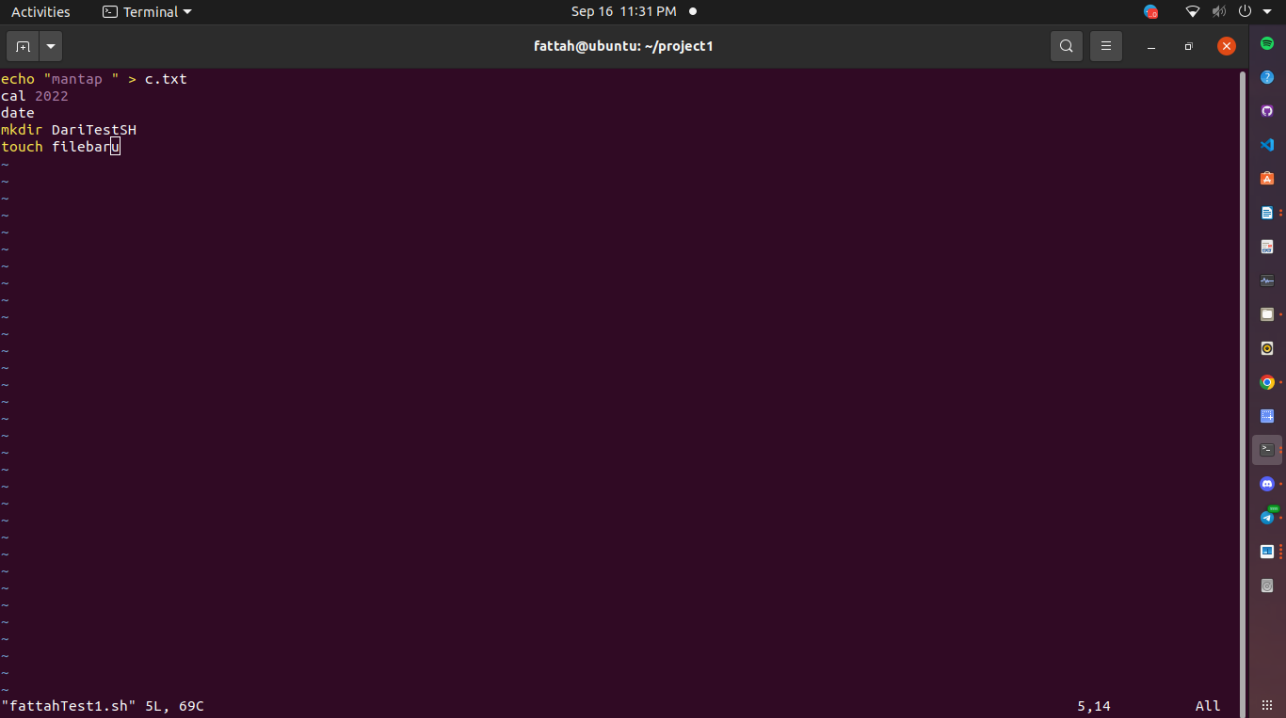
      April      Mei      Juni
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1 2      1 2 3 4 5 6 7      1 2 3 4
3 4 5 6 7 8 9    8 9 10 11 12 13 14 5 6 7 8 9 10 11
10 11 12 13 14 15 16 15 16 17 18 19 20 21 12 13 14 15 16 17 18
17 18 19 20 21 22 23 22 23 24 25 26 27 28 19 20 21 22 23 24 25
24 25 26 27 28 29 30 29 30 31      26 27 28 29 30

      Juli      Agustus      September
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1 2      1 2 3 4 5 6      1 2 3
3 4 5 6 7 8 9    7 8 9 10 11 12 13 4 5 6 7 8 9 10
10 11 12 13 14 15 16 14 15 16 17 18 19 20 11 12 13 14 15 16 17
17 18 19 20 21 22 23 21 22 23 24 25 26 27 18 19 20 21 22 23 24
24 25 26 27 28 29 30 28 29 30 31 25 26 27 28 29 30
31

      Oktober      November      Desember
Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa Mi Se Se Ra Ka Ju Sa
      1            1 2 3 4 5      1 2 3
2 3 4 5 6 7 8    6 7 8 9 10 11 12 4 5 6 7 8 9 10
9 10 11 12 13 14 15 13 14 15 16 17 18 19 11 12 13 14 15 16 17
16 17 18 19 20 21 22 20 21 22 23 24 25 26 18 19 20 21 22 23 24
23 24 25 26 27 28 29 27 28 29 30 25 26 27 28 29 30 31
30 31
Jun 16 Sep 2022 11:26:39 WIB
fattah@ubuntu:~/project1$ ls
b.txt c.txt DarlTestSH fattahTest1.sh filebaru mb test1.txt
fattah@ubuntu:~/project1$

```

isi file fattahTest1.sh:



A terminal window titled "Terminal" with a search icon and a menu icon. The window shows the contents of the file "fattahTest1.sh". The code is as follows:

```
echo "mantap " > c.txt
cal 2022
date
mkdir DaritTestSH
touch filebaru
```

The terminal window also shows the file path "fattah@ubuntu: ~/project1" and the file name "fattahTest1.sh" with its size "5L, 69C". The status bar at the bottom right shows "5,14" and "All".