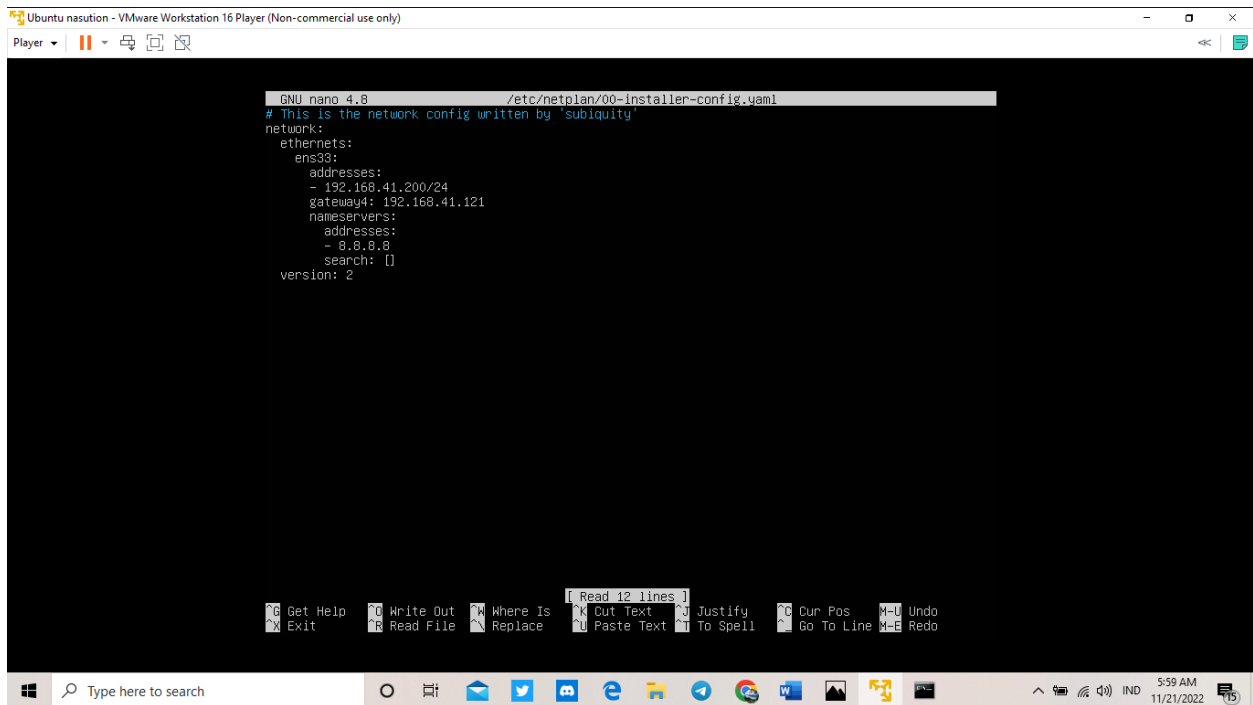


TASK 4

1. Git adalah salah satu version control system yang penyimpanan git tidak hanya dalam satu tempat saja. Tetapi semua orang terlibat dalam pengkodean proyek akan menyimpan data base git, sehingga akan memudahkan dalam mengelola proyek baik online maupun offline

2. Rubah IP Address



```
GNU nano 4.8 /etc/netplan/00-installer-config.yaml
# This is the network config written by 'subiquity'
network:
  ethernet:
    ens33:
      addresses:
        - 192.168.41.200/24
      gateway: 192.168.41.121
      nameservers:
        addresses:
          - 8.8.8.8
      search: []
  version: 2
```

Get Help Write Out Where Is Cut Text Justify Cur Pos M-U Undo
Exit Read File Replace Paste Text To Spell Go To Line M-E Redo

Type here to search 5:59 AM 11/21/2022

Ubuntu nasution - VMware Workstation 16 Player (Non-commercial use only)

```
GNU nano 4.8 /etc/netplan/00-installer-config.yaml Modified
# This is the network config written by 'subiquity'
network:
  ethernets:
    ens33:
      addresses:
        - 192.168.61.200/24
      gateway4: 192.168.62.190
      nameservers:
        addresses:
          - 8.8.8.8
        search: []
      version: 2
```

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Exit Read File Replace Paste Text To Spell Go To Line M-E Redo

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```
aulia@rahman:~$ sudo netplan apply
aulia@rahman:~$ ssh 192.168.61.200
The authenticity of host '192.168.61.200 (192.168.61.200)' can't be established.
ECDSA key fingerprint is SHA256:Ark2B9AaddP0VkeG18fnllz1Dys6Y5/dwE7RTVAdJbs.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.61.200' (ECDSA) to the list of known hosts.
aulia@192.168.61.200's password:
Welcome to Ubuntu 20.04.5 LTS (GNU/Linux 5.4.0-132-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Sun 20 Nov 2022 11:00:53 PM UTC

System load:  0.13          Processes:      225
Usage of /:   64.5% of 9.75GB Users logged in: 1
Memory usage: 20%          IPv4 address for ens33: 192.168.61.200
Swap usage:   0%

0 updates can be applied immediately.

New release '22.04.1 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

Last login: Sun Nov 20 22:56:17 2022
aulia@rahman:~$ _
```

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Hubungkan Github ke server

Ubuntu nasution - VMware Workstation 16 Player (Non-commercial use only)

Player

```
NHAAAAAWEAAQAAAYEAzNsInCaSd7+EBNUgT1QJEBAn9tu/6ppVUF5fE4I0TvJTL7qz1Teu
XgBeIM0xUoL1HD0U0nmkn/4xmpMJ35J8kpwTf7DvYtufPbtuokXB5EchWgEaxEHB/wk/1
9gSYnJgvtuxn540ogDhsmJ5/b2yTJNnNdoSLry80rrIG3vbU8HuHtcc0xvpgV9Nkp0J2
+BzJDYcg1zahfyvNdMIgKHu4spbwKfgh0ID03J916e68JQ51SfGAKPTh00QNHesL7yS2z
3URym6YK7xPLh6DH1S652G+c2mp7qF1MJ10PqdCLS10uzbu6D3MJ1h0D1AxtPd7zJ33TeJ
d7nHfVquTFcJv7mIfpmAt56nSRPRCCM+/It0/585A/KDV1Jcvtxoz9b0X+z8EJuR1bhngE
k0EgKgonc9Jo17soSvBDZkVNVHLh/P9t4/q0J5AnetssykJ3x2pZn0uN1Q2dzfJMM0pgYM
19+qoXxbKKn1N9h0exdP0665RS1htTa24e68TrupHAAP1PLm01Dy5TJQAAAA63Nzab1yc2
EAAA6BAMzbcJumkne/haTUTE5U1xAQJ/dov+gaVVBEX00NE7Uly+664k3n14X1DMWVKC
9Ru1D051pJf+WzJ20d+Sf1KEE5+u72E7n227b0Q1ueRtIVsB613huf80v71VEn10JML7bs
2+e0qIDobJ1ef29s1STZzYa0S68vNK64ht721PFnh7XHMb6vFSPtSaSt19vgcyQ2H1Jc2
oX8r2XTCICH7ULK1sSn4B9CAzt4/ZenuvCUEtUnxgJ004dDkDYXrC+8uds91ECpumCu0T
y4egx9Uuudhvn62qe6h2TddTJ6nQ10pdl.s27ug92CY0quw4MbT3eByd90303e5X31asExX
Cb+5on62gLeep0kT0QnDPvuldP+f0QPug1dSXFbcaM/Wz1/s/BCbkdW428hJKBmpBqJ3PS
a1u7KErwQ85FTVry4fz/beP6t1+QJ3rBLM1j1d8MaTwaLjdUW3c342FgqYGDNFfqpQ8W11p
4JfYtNsXT2xuubNYb2uHhgU68KQAAAAHBAEAAAGAVuk04CAF96D000S7zN0ScQrNF
KJ1EU7EK1e0utUzTSJoELt42yfteJyE30XNnrQ6dCgJShC9A2H13GZAA26ZM1oexXump95
RgA2PdUreI2+3b1bYnIKk0AnK5441QS/VaTSqd1Puk2R3JA/JQsEq/bjJIS5SnEgQ7nF1G
TFENBIFp2Q76n1uW/36uW49V2Xng/62ac19T381n6A/SxmQDeJ/E16AXYng61Rf1yQa1hHq
18hPN71toA1uWxgfRqQh3Jf20XIXxPjQ0SLkbVhN6PJO1tpANB5h1b1n0XRnbb8B8hnnD
R31acVF60D05XA11MKVBTf7n9bde2SRKcnL1JhgT8aTLV6e4V1V2d59TUK1E0UVC01
Fy6E0U0VVA3v4/XkP7UR0ttdWR8Q1Rw82nukJNke0u2K1dKnK310Jn7g129E0/vxy
fFgaCjcRkcB4C5Jhu6MQ1Gb3Vr29UFVioU0mPsz3YraE9ayvuiAspNc10bJ14oxQ8MBAAAA
uEM9aruVYIDrFMKuP65C8g61GU+PsdPUhuBz+NQV35KmLEp1Y0Sog6kD1JGd65K9AV3xrJ
SAGNgXucUPDKns6Nq4CuDYdVVAJ35235mVnpo0Cuay0SdAt7ukZT+Hox56BHJnb2VhuB1
DWupIouTpMCNo1upb16m71DIE2E03EAuYJIEfFkZeadBQ8LTea6DRGp10Iq+QQCjeVWCBj
z/NstJazITGcevdFkIhRPeVXBmua/c9gIgNR/nRYRWom69vQAAAMEA+yLJrAYQ3XOvVQUw
wr17Bz/S6nuXGTS+YPLRW1uU0BketV07AMP/ugoScJJ1QMvVp02NhtnJKGyUz8/EJmYU1
dmz3d6gd1dvIbDckDw6b2E5wJv1DqVlv9X1U0TWUGG8f4CLKWF4E9uukvx5uQVXH8eAUe0
JssYzD1CL1pkEgN/3Z1UzMH37PsJQQT9XUBcXOVn0ST9LkvB8Mr516y6FdgqoLRKGRAx
ZJ1E8msC7pneJ4azSSKEH3DYWYX0YDAAAawQDQ0rBbXmW2xhTgD/9H9RPQr7mfxCwJ5zsF
x/51VNBEPZmrBDAf4yJKm7BPVml9m1ve2288Gmx1HJup+/+qndRVngrPUF0URKQ87DzqPv
WGVHfzhbc27mCZsLsWnkGDS3mZ1GoAv+xbXPW2eo2Py8sW+XDPZ5CODE16zB0waej2/
DKFuWFSFC8gzMob1ak60TigWc7rjmKTZ6WefUV9s4UU+P+kcaXsQyvh+mr9Y4nwG1Dn0SL
dz89JbJtXdtOMAAAAAYXvsafacmFobWfUaQIDBAUGBw==
-----END OPENSSH PRIVATE KEY-----
aulia@rahman:~$
```

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5. SSH key for Github | DevOps | x Add new SSH keys x (112) Weird Genius - Sweet | x +

github.com/settings/ssh/new

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SSH keys / Add new

Title

aulia

Key type

Authentication Key

Key

```
z/NstJazITGcevdFkIhRPeVXBmua/c9gIgNR/nRYRWom69vQAAAMEA+yLrAYQ3XOvVQUw
wr17Bz/S6nuXGTS+YPLRW1uU0BketV07AMP/ugoScJJ1QMvVp02NhtnJKGyUz8/EJmYU1
dmz3d6gd1dvIbDckDw6b2E5wJv1DqVlv9X1U0TWUGG8f4CLKWF4E9uukvx5uQVXH8eAUe0
JssYzD1CL1pkEgN/3Z1UzMH37PsJQQT9XUBcXOVn0ST9LkvB8Mr516y6FdgqoLRKGRAx
ZJ1E8msC7pneJ4azSSKEH3DYWYX0YDAAAawQDQ0rBbXmW2xhTgD/9H9RPQr7mfxCwJ5zsF
x/51VNBEPZmrBDAf4yJKm7BPVml9m1ve2288Gmx1HJup+/+qndRVngrPUF0URKQ87DzqPv
WGVHfzhbc27mCZsLsWnkGDS3mZ1GoAv+xbXPW2eo2Py8sW+XDPZ5CODE16zB0waej2/
DKFuWFSFC8gzMob1ak60TigWc7rjmKTZ6WefUV9s4UU+P+kcaXsQyvh+mr9Y4nwG1Dn0SL
dz89JbJtXdtOMAAAAAYXvsafacmFobWfUaQIDBAUGBw==
```

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github.com/settings/keys

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SSH keys

New SSH key

This is a list of SSH keys associated with your account. Remove any keys that you do not recognize.

Authentication Keys

aulia
SHA256: eHMacH+20jMU27/NOou6k3Tyn2xy2qo5833juagevg
Added on Nov 20, 2022
Never used — Read/write Delete

Check out our guide to [generating SSH keys](#) or [troubleshoot common SSH problems](#).

GPG keys

New GPG key

There are no GPG keys associated with your account.
[Learn how to generate a GPG key and add it to your account.](#)

Vigilant mode

Ubuntu nasution - VMware Workstation 16 Player (Non-commercial use only)

Player

```
k0EykGonc9To17soSvBDzLWVHLh/P9t4/ao15AnetssuKJ3x2pNZouN1QzdzfjMhCpgYh
19+aoXxbKKn1N9D0exdPh666Rf1htTa24e6B7nwoAAAF1PLn01Du6TJ9AAAB3NzaC1yc2
EAAgABAMzbcJumkne/hATVIE5UIxAQJ/bbv+aaVBeXx0CNE7YUy+6s4k3r14AX1DNWVKC
9Rw1Dp51pJf+M2JzCd+SfJKCE3+u72E7n227bqC1ueRHIVSvB613huf8Dy7fVeMJuYL7bs
2+e0q1DobJ1ef29s1STZzXa0S68vNk64ht721PFf7hXHNMB6YFSPtSgSt19vgcyQ2HIc2
oX8rzXTIC7ULKH1sSn4B9CAzt4/2ZenuvCUEtUnxgJD04dDKDYXrC+8uds91ECpumCu8T
y4egx9Uuudhvn6Zqe6h2TcdTJ6nQ10pdLS27ug9zCYoQw4gMbT3e8yD909o3e5x31asExX
Cb+Son6ZgLeepOkT0qnDPvylDP+f0QPug1dSXFbcaM/HZ1/s/BCbkdW428hJKBmpBqJ3PS
a1u7KERuQ85TVRy4fz/beP6t1+QJ3rblM11d8MaTwaLjduM3c34zFgqYGDNffqF8W11p
4JfYfTnsXT2xuuUbnYbU2tuHhgU68KQAAAAHAAEAAAGAVuW04qCAF96Ddoos7ZNDscQrNF
KJ1EU7eK1eoutUzTSJoelT42yfteJyE30XNrXq6dCgJShC9A2H13GzAA26ZM1oexXump95
RgA2P0dreI2+3b1bYnIKoAnK5441QS/vaT5odIPuk2R3JA/JQSEsq/bjIS5SnEgQ7nF1G
TFENBIFo2Q76n1w/36uHwV2Xng/62ac19T38Jm6A/5xm0d6JTE16AXYnug1RF1u0eJhhg
18PN71toa1ueWgfrQd9Jf20XIKxP7q65LkbvMNSPJo11paNBSH1b1n0XKnb088hnd
R31qcYF80X05XA1tMkYvB1r7r6y7da2sRcnK1JjMgtBaTKLV6edV1Y2q93TUKK18UVC01
Fu8EU8CvTVaJ3v4/Xkp7YhR0thDMRSQIRWJ32nuKJNkcUE2K1dKn13xICJhZ2I29ED/xuy
tFgacJcRkcB4c5yhu6MQ1G63Vr29UFVioU0mpsz3YraESavvylAspNc10yJ4oxQ8MBAAAA
uEM9arCVYIDrFMXyP65cB61GU+PSdPUhuBz+NQV95KmLEp1Y0Sog6kDIJdG5K9AV3xrJ
SAGNgXwUCPDkns6Nq4CuDYdVAJ35z35mYnpooCway0SdAT7wkzT+Hpx56GHJnbb2VhuBI
Dhup10uTpMCNo1upb16m71DIEX2Eo3EAuWJIEeFwzEadBQ8LTea6DRGp10Iq+QQcJevVBCy
z/NstJazITGcevDFkIhRPeVXBmua/c9gIgr/nRYRkOm69vQAAAMEA+gJLrAYQ3X0vVQUu
w1r7Bz/S6nuXGTS+YPLYRL1Uu0BketV07AMP/ygoScJJ1QMvVp02NhtnJKgyU28/EJmYu1
dmz3d6gd1dv1BdckDw6b2E5uWj10qV1v9X100TuUG8f4CLKWF4E9uukvx5uQVXH8eAUe0
JSSV2dICLpKEgn/321UzHh37PSJQ0t9XUbcXVn0SD9LkV68M6156y60FdgoolRkGRAX
ZJE18mSPTneJ4a2SSKEH0VWx0DAAAHuQ0Q09bXmK2xTg0/9HRRPqr7mf+duW5spF
X/51uNBEP2nrbd04f4JkmbPVMl9mive2286dmX14Jup+/+andRvngnPUFOuRkQ87DzqPv
KdVHfzhbc27mC2sLsXknKJGDS3m2180Av+xbFK2e02P98s+XdpZs500DE16zB0uuaeJ2/
DKFuSFC8gzMob1ak60TIGk7rJmKT26WefUV9a4UU+P+kCaXsQyvh+nir9Y4nu61Dn0SL
dz89JbJtXdTOMAAAAAMXysaKfcmFobWfuaQIDBAUGBw==
-----END OPENSSH PRIVATE KEY-----
aulia@rahman:~$ ssh -T git@github.com
The authenticity of host 'github.com (20.205.243.166)' can't be established.
ECDSA key fingerprint is SHA256:p2QAMXNIC1TJYWe10trVc98/R1BUFWu3/LlykgUfQM.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com,20.205.243.166' (ECDSA) to the list of known hosts.
Hi lubisa433! You've successfully authenticated, but GitHub does not provide shell access.
aulia@rahman:~$ _
```

4. Buat 3 branch untuk repository

- Development
- Staging
- Production

```
aulia@rahman:~/aulia$ git commit -m "first_commit"
[master (root-commit) d6e6b23] first_commit
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 A
create mode 100644 go1.16.5.linux-amd64.tar.gz
aulia@rahman:~/aulia$ git remote add origin git@github.com:lubisa433/aulia.git
aulia@rahman:~/aulia$
```

Ubuntu nasution - VMware Workstation 16 Player (Non-commercial use only)

GNU nano 4.8 .gitignore Modified

file3_

[Read 0 lines]

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Exit Read File Replace Paste Text To Spell Go To Line M-E Redo

```
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Player  [Icons]

aulia@rahman:~/dumbways$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        file1
        file2

nothing added to commit but untracked files present (use "git add" to track)
aulia@rahman:~/dumbways$
```

```
Ubuntu nasution - VMware Workstation 16 Player (Non-commercial use only)
Player  [Icons]

        image.html
        index.html

aulia@rahman:~/dumbways$ git add *.html
aulia@rahman:~/dumbways$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   file.html
        new file:   file1
        new file:   image.html
        new file:   index.html

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitignore
        file2

aulia@rahman:~/dumbways$ git add .
aulia@rahman:~/dumbways$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .gitignore
        new file:   file.html
        new file:   file1
        new file:   file2
        new file:   image.html
        new file:   index.html

aulia@rahman:~/dumbways$
```

Ubuntu nasution - VMware Workstation 16 Player (Non-commercial use only)

Player

```
origin git@github.com:lubisa433/aulia.git (fetch)
origin git@github.com:lubisa433/aulia.git (push)
aulia@rahman:~/dumbways$ git push origin master
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 2 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 280 bytes | 140.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0)
To github.com:lubisa433/aulia.git
 * [new branch]      master -> master
aulia@rahman:~/dumbways$ git branch development
aulia@rahman:~/dumbways$ git checkout development
Switched to branch 'development'
aulia@rahman:~/dumbways$ git branch -m staging
aulia@rahman:~/dumbways$ git branch -a
  master
 * staging
remotes/origin/master
aulia@rahman:~/dumbways$ git branch staging
fatal: A branch named 'staging' already exists.
aulia@rahman:~/dumbways$ git branch development
aulia@rahman:~/dumbways$ git checkout development
Switched to branch 'development'
aulia@rahman:~/dumbways$ git branch -m development
aulia@rahman:~/dumbways$ git branch -a
 * development
  master
  staging
remotes/origin/master
aulia@rahman:~/dumbways$ git branch -m production
aulia@rahman:~/dumbways$ git branch -a
  master
 * production
  staging
remotes/origin/master
aulia@rahman:~/dumbways$
```

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lubisa433/aulia: tugas 1 x 14. Task | DevOps Stage 1 x (119) Matahari Buatan China

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lubisa433 commit pertama 72fc192 4 hours ago 1 commit

.gitignore	commit pertama	4 hours ago
file.html	commit pertama	4 hours ago
file1	commit pertama	4 hours ago
file2	commit pertama	4 hours ago
image.html	commit pertama	4 hours ago
index.html	commit pertama	4 hours ago

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