

QUIZ BIG DATA

MATA KULIAH

BIG DATA



KELAS SIB 3E

Oleh:

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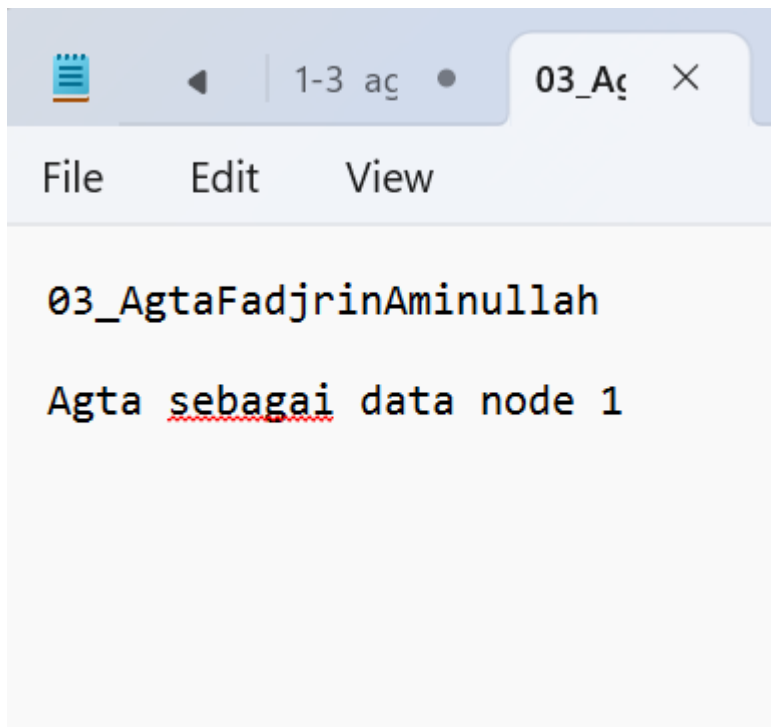
PROGRAM STUDI D4 SISTEM INFORMASI BISNIS

POLITEKNIK NEGERI MALANG

2025

QUIZ 1

Isi dari txt yang saya ketik di notepad



SCP dan SSH [hadoopuser@192.168.164.158](https://192.168.164.158) (melalui namenode)

```
PS C:\Users\hp> scp "D:\Semester 6\Big Data\03_AgtaFadjrinAminullah.txt" hadoopuser@192.168.164.158:~/03_AgtaFadjrinA.txt
hadoopuser@192.168.164.158's password:
03_AgtaFadjrinAminullah.txt                                100% 52    4.6KB/s   00:00
PS C:\Users\hp> ssh hadoopuser@192.168.164.158
hadoopuser@192.168.164.158's password:
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-53-generic x86_64)

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

System information as of Thu Mar 20 05:40:47 AM UTC 2025

System load:          0.25
Usage of /:            61.7% of 9.74GB
Memory usage:         16%
Swap usage:           0%
Processes:            149
Users logged in:      1
IPv4 address for enp0s3: 192.168.164.158
IPv6 address for enp0s3: 2404:c0:9c25:78c4:a00:27ff:fe7b:7afa
IPv6 address for enp0s3: 2404:c0:9c21:4b63:a00:27ff:fe7b:7afa
IPv6 address for enp0s3: 2404:c0:9c25:cd82:a00:27ff:fe7b:7afa

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
   just raised the bar for easy, resilient and secure K8s cluster deployment.

   https://ubuntu.com/engage/secure-kubernetes-at-the-edge

Expanded Security Maintenance for Applications is not enabled.
```

Cek kesesuaian isi notepad dan txt yang berada di hadoop dan membuat folder bernama "03_AgtaFadjrinAminullah_folder" dan txtnya bernama "03_AgtaFadjrinA"

```
84 updates can be applied immediately.
35 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

Last login: Thu Mar 20 05:41:40 2025 from 192.168.164.233
hadoopuser@hadoop-namenode:~$ hadoop fs -ls /user
Found 1 items
drwxr-xr-x - hadoopuser supergroup          0 2025-03-20 05:27 /user/hadoopuser
hadoopuser@hadoop-namenode:~$ hadoop fs -ls /user/hadoopuser
Found 1 items
drwxr-xr-x - hadoopuser supergroup          0 2025-03-20 05:39 /user/hadoopuser/19_ZanuarAldiSyahputra
hadoopuser@hadoop-namenode:~$ hadoop fs -ls /user/hadoopuser/19_ZanuarAldiSyahputra
Found 1 items
-rw-r--r--  3 hadoopuser supergroup          49 2025-03-20 05:39 /user/hadoopuser/19_ZanuarAldiSyahputra/Aldi.txt
hadoopuser@hadoop-namenode:~$ hadoop fs -mkdir /user/hadoopuser/03_AgtaFadjrinAminullah_folder
hadoopuser@hadoop-namenode:~$ hadoop fs -put 03_AgtaFadjrinAminullah.txt /user/hadoopuser/03_AgtaFadjrinAminullah_folder
put: '03_AgtaFadjrinAminullah.txt': No such file or directory
hadoopuser@hadoop-namenode:~$ ls
03_AgtaFadjrinA.txt  aldi.txt  fitria.txt  myapp.jar  profil-jti-polinema.mp4  snap
hadoopuser@hadoop-namenode:~$ hadoop fs -put 03_AgtaFadjrinA.txt /user/hadoopuser/03_AgtaFadjrinAminullah_folder
hadoopuser@hadoop-namenode:~$ ls
03_AgtaFadjrinA.txt  aldi.txt  fitria.txt  myapp.jar  profil-jti-polinema.mp4  snap
hadoopuser@hadoop-namenode:~$ hadoop fs -ls /user/hadoopuser/03_AgtaFadjrinAminullah_folder
Found 1 items
-rw-r--r--  3 hadoopuser supergroup          52 2025-03-20 05:59 /user/hadoopuser/03_AgtaFadjrinAminullah_folder/03_AgtaFadjrinA.txt
hadoopuser@hadoop-namenode:~$ hadoop fs -cat /user/hadoopuser/03_AgtaFadjrinAminullah_folder/03_AgtaFadjrinA.txt
03_AgtaFadjrinAminullah
Agta sebagai data node 1hadoopuser@hadoop-namenode:~$ |
```

```
hadoopuser@hadoop-datanode1:~$
hadoopuser@hadoop-datanode1:~$ hadoop fs -ls /user/hadoopuser/03_AgtaFadjrinAminullah_folder
Found 1 items
-rw-r--r--  3 hadoopuser supergroup          52 2025-03-20 05:59 /user/hadoopuser/03_AgtaFadjrinAminullah_folder/03_AgtaFadjrinA.txt
hadoopuser@hadoop-datanode1:~$ hadoop fs -cat /user/hadoopuser/03_AgtaFadjrinAminullah_folder/03_AgtaFadjrinA.txt
03_AgtaFadjrinAminullah
```

Cek Status JPS

```
/usr/local/hadoop/etc/hadoop/yarn-site.xml
hadoopuser@hadoop-datanode1:~$ jps
2164 NodeManager
2020 DataNode
2677 Jps
hadoopuser@hadoop-datanode1:~$ _
```