LAPORAN PERTEMUAN 2

BIG DATA

MOCHAMMAD ZAKARO AL FAJRI

2241720175

TI – 3D

D-IV TEKNIK INFORMATIKA

POLITEKNIK NEGERI MALANG

2025/2026

Instalasi dan setup Java

- Bukti :

```
PS C:\Users\KAKA> java -version
java version "21.0.2" 2024-01-16 LTS
Java(TM) SE Runtime Environment (build 21.0.2+13-LTS-58)
Java HotSpot(TM) 64-Bit Server VM (build 21.0.2+13-LTS-58, mixed mode, sharing)
```

Instalasi dan setup Hadoop

- Bukti :

```
PS C:\Users\KAKA> hadoop -version
'C:\Program' is not recognized as an internal or external command,
operable program or batch file.
java version "21.0.2" 2024-01-16 LTS
Java(TM) SE Runtime Environment (build 21.0.2+13-LTS-58)
Java HotSpot(TM) 64-Bit Server VM (build 21.0.2+13-LTS-58, mixed mode, sharing)
```

```
C:\Users\KAKA>hdfs namenode -format
'C:\Program' is not recognized as an internal or external command,
operable program or batch file.
2025-02-25 14:14:50,360 WARN util.Shell: Did not find winutils.exe: {}
java.io.FileNotFoundException: Could not locate Hadoop executable: C:\Hadoop\hadoop-3.4.0\bin\winutils.exe -see https://
cwiki.apache.org/confluence/display/HADOOP2/WindowsProblems
        at org.apache.hadoop.util.Shell.getQualifiedBinInner(Shell.java:672)
        at org.apache.hadoop.util.Shell.getQualifiedBin(Shell.java:645)
        at org.apache.hadoop.util.Shell.<clinit>(Shell.java:742)
        at org.apache.hadoop.util.StringUtils.<clinit>(StringUtils.java:79)
        at org.apache.hadoop.hdfs.server.common.HdfsServerConstants$RollingUpgradeStartupOption.getAllOptionString(HdfsS
erverConstants.java:130)
        at org.apache.hadoop.hdfs.server.namenode.NameNode.<clinit>(NameNode.java:403)
2025-02-25 14:14:50,546 INFO namenode.NameNode: STARTUP_MSG:
/************************************************************
STARTUP_MSG: Starting NameNode
STARTUP_MSG:   host = LAPTOP-DDVLERG8/192.168.188.91
STARTUP_MSG:   args = [-format]
STARTUP_MSG:   version = 3.4.0
STARTUP_MSG:   classpath = C:\Hadoop\hadoop-3.4.0\etc\hadoop;C:\Hadoop\hadoop-3.4.0\share\hadoop\common;C:\Hadoop\hadoop
-3.4.0\share\hadoop\common\lib\animal-sniffer-annotations-1.17.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\lib\audien
ce-annotations-0.12.0.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\lib\avro-1.9.2.jar;C:\Hadoop\hadoop-3.4.0\share\had
oop\common\lib\bcprov-jdk15on-1.70.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\lib\checker-qual-2.5.2.jar;C:\Hadoop\h
adoop-3.4.0\share\hadoop\common\lib\commons-beanutils-1.9.4.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\lib\commons-c
li-1.5.0.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\lib\commons-codec-1.15.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\c
ommon\lib\commons-collections-3.2.2.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\lib\commons-compress-1.24.0.jar;C:\Ha
doop\hadoop-3.4.0\share\hadoop\common\lib\commons-configuration2-2.8.0.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\li
b\commons-daemon-1.0.13.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\lib\commons-io-2.14.0.jar;C:\Hadoop\hadoop-3.4.0\
share\hadoop\common\lib\commons-lang3-3.12.0.jar;C:\Hadoop\hadoop-3.4.0\share\hadoop\common\lib\commons-logging-1.2.jar;
```