GROUP A) 2)

IPcount on Hadoop:-

1. Open Eclipse
2. Create Java Project
   a. Project Name-IPcount
3. Right Click on IPcount Project and create package Name.
4. Right Click on IPcount and Create Class File Name+Include main function
5. Add Java Project Code.(separate java code file is given)

Remove Error in Code:-

1. Change Class Name-IPcount (Project Name)

   For Library Error
2. Right Click on Project Click Build Path
   - ➔ Add External Archives
   - ➔ User
   - ➔ Library
   - ➔ Hadoop
   - ➔ Hadoop.common.2.6.jar

   Normal Error
3. Right Click on Project
   - ➔ Click Build Path
   - ➔ Add External Archives
   - ➔ User
   - ➔ Library
   - ➔ Hadoop2.0 MapReduce
   - ➔ Hadoop.core.2.6.jar

Create Jar File:-

1. Right Click on Project
   - ➔ Export
   - ➔ Java
   - ➔ Jar
   - ➔ Browse

➔ Name.jar

Open Terminal:-

Copy log file from Desktop to Present Working Directory(PWD)

➔ hadoop fs -put Desktop/log_file.txt input.txt

➔ hadoop fs – ls

Execute /Run .jar file:-

Hadoop Process Started

➔ hadoop jar IPcount.jar IPcount.IPcount input.txt output

Concat One File-

➔ hadoop fs -cat output/part-r-00000

Copy file From host to (Virtual Machine)VM:-

➔ Su

➔ mount -t vboxsf Source_Machine_Folder

➔ Destination_Machine_Folder or simply drag and drop file