

STEP 3

```
PS D:\Навчання\Лабки\HLS\lab4> javac -classpath hadoop-core-1.2.1.jar -d units ProcessUnits.java
```

```
PS D:\Навчання\Лабки\HLS\lab4> jar -cvf units.jar -C units/
```

Error parsing file arguments

Try `jar --help' for more information.

```
PS D:\Навчання\Лабки\HLS\lab4> jar -cvf units.jar -C units/ .
```

added manifest

adding: hadoop/(in = 0) (out= 0)(stored 0%)

adding: hadoop/ProcessUnits\$E_EMapper.class(in = 1914) (out= 785)(deflated 58%)

adding: hadoop/ProcessUnits\$E_EReduce.class(in = 1690) (out= 697)(deflated 58%)

adding: hadoop/ProcessUnits.class(in = 1593) (out= 783)(deflated 50%)

Step 4

```
PS D:\Навчання\Лабки\HLS\lab4> docker exec -it namenode /bin/bash
```

```
hdfs dfs -mkdir input_dir
```

mkdir: `input_dir': File exists

Step 5

```
hdfs dfs -put /tmp/sample.txt input_dir
```

Step 6

```
hdfs dfs -ls input_dir/
```

Found 1 items

```
-rw-r--r--  3 root supergroup
```

Step 7

```
hadoop jar units1.jar hadoop.ProcessUnits input_dir output_dir
```

Step 8

```
hdfs dfs -ls output_dir/
```

Found 2 items

Step 9

```
hdfs dfs -cat output_dir/part-00000
```

```
1979  24.615385
```

```
1980  29.153847
```

1981 33.615383

1984 39.615383

1985 36.923077

Step 10

```
hdfs dfs -get output_dir /home/hadoop
```