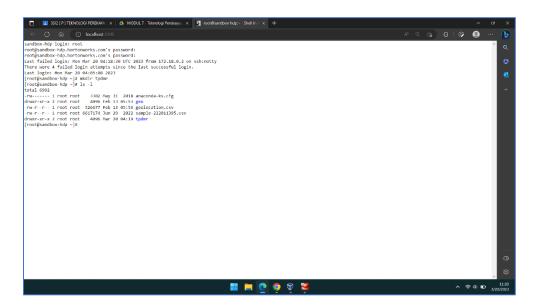
## Praktikum Teknologi Perekayasaan Data

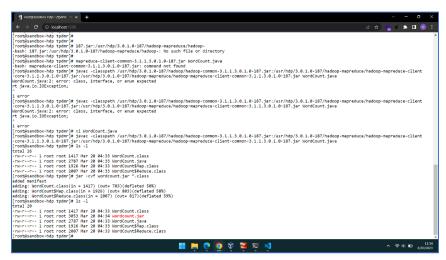
Tanggal Praktikum: Monday, March 20, 2023

#### 1. Buat Direktori

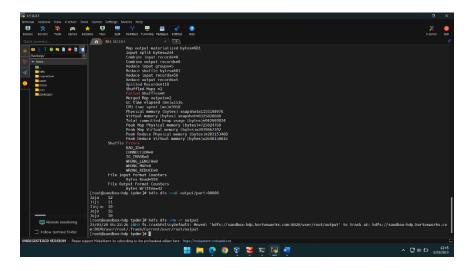


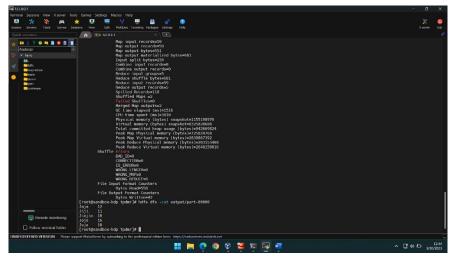
### 2. Buat File Java

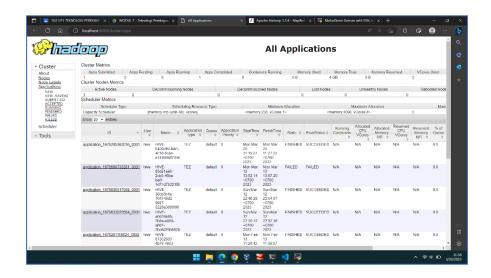
# 3. Compile Java



# 4. MapReduce







#### Penugasan

1. File Java : <a href="https://pastebin.com/VpVwfWAj">https://pastebin.com/VpVwfWAj</a>

Kode Untuk Split data menjadi key (country) and value (salary)

```
// Split into key and value with comma separated
String[] line = value.toString().split(",");
// get the salary
int salary = Integer.parseInt(line[2]);
// get the country
String country = line[1];
// emit the country and salary
collector.collect(new Text(country), new IntWritable(salary));
```

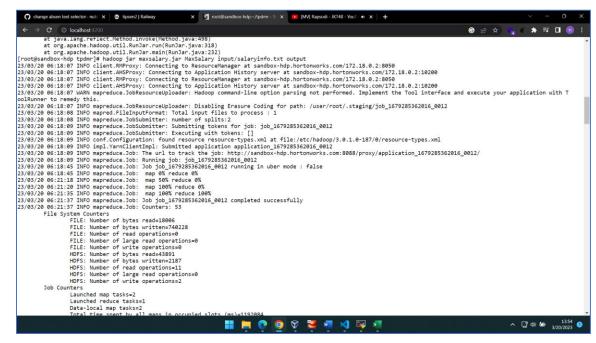
Kode untuk mendapatkan nilai salary maksimum untuk setiap key (negara).

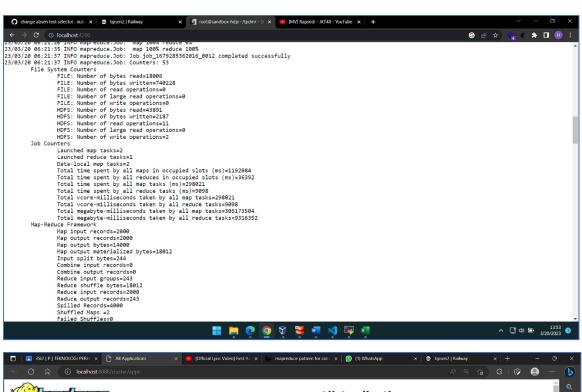
```
int max = 0;
while (values.hasNext()) {
    max = Math.max(max, values.next().get());
}
System.out.println("Max salary for " + key + " is " + max);
collector.collect(key, new IntWritable(max));
```

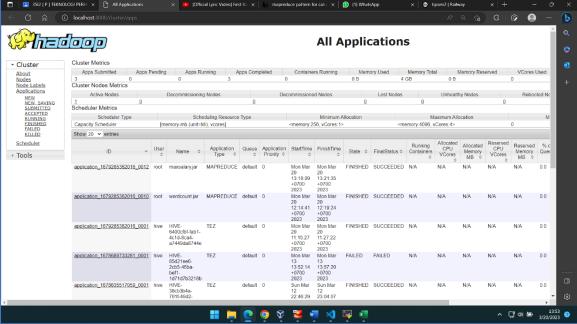
### 2. Compile MaxSalary.java

```
↑ Comparation to stocks rate × ↑ peoply labeling × ★ FootSpandoon bope-reduces × ★ FootSpandoon FootSpand
```

### 3. Map Reduce untuk mencari maximum salary tiap country







### 4. Result