Assignment5.3

Driver class1:

```
### TaskIDriverjava ### TaskIMapperjava ### TaskIMeducerjava

12
13 public class TaskIDriver {
14= public static void main(String[] args) throws Exception{
15= Configuration conf = mew Configuration();
16= Job job = mew Jeblconf, "Fask3";
17= job.setJarByClass[TaskIDriver.class];
18= job.setMapDutputKeyClass(Text.class);
19= job.setMapDutputValueClass[IntWritable.class);
20= job.setDutputValueClass[IntWritable.class);
21= job.setDutputValueClass(Text.class);
22= job.setMapDerClass(TaskIMapper.class);
23= job.setMapperClass(TaskIMapper.class);
24= job.setMapperClass(TaskIMapper.class);
25= job.setMapperClass(TaskIMapper.class);
26= job.setMapperClass(TaskIMapper.class);
27= Path outputParmatClass(TextInputFormat.class);
28= Path outputParmatClass(TextInputFormat.class);
29= Path outputParmatClass(TextInputFormat.class);
20= Path outputParmatClass(TextInputFormat.class);
20= Path outputParmatClass(TextInputFormat.class);
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27= path outputParmatClass(TextInputFormat.class);
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29= path outputParmatClass(TextInputFormat.class);
20= path outputParmatClass(TextInputFormat
```

Mapper class1:

```
TasklDriverjava

TasklMapperjava M TasklMapperjava M TasklReducerjava

import java.io.IoException;

import org.apache.hadoop.io.*;
import org.apache.hadoop.io.Text;
import org.apache.hadoop.mapreduce.Mapper;

import org.apache.hadoop.mapreduce.Mapper;

public class TasklMapper extends Mapper-Context;

public class TasklMapper extends Mapper-Context;

Intwritable outValue = new IntWritable();

Intwritable outValue = new IntWritable();

Intwritable outValue = new IntWritable();

String[] line = value.toString().split(* *);

outKey.set(line[d]);
outValue.set(1);

con.write(outKey,outValue);

con.write(outKey,outValue);

23

24

}

25

26

}
```

Reducer class1:

```
| TaskIDriverjava | D TaskIMapperjava | D TaskIReducerjava | D TaskIRedu
```

Output:

```
asses where applicable
102
        2
145
         2
         2
186
196
         2
22
         3
256
         1
654
         1
[acadgild@localhost Des
```

Driver class2:

```
Task2Driverjava 31  Task2Mappperjava  Task2Reducerjava  
in amport org.apacne.naooop.maprequee.lib.output.lextOutputFormat;

public class Task2Driver {
    public static void main(String[] args) throws Exception{
        Configuration conf = new Configuration();
        Job job = new Jebleconf.*[Task3];
        job.setNapOutputKeyClass(Text.class);
        job.setNapOutputKeyClass(Text.class);
        job.setNapOutputValueclass(Intwritable.class);
        job.setOutputValueclass(Intwritable.class);
        job.setOutputValueclass(Intwritable.class);
        job.setNapOutputValueclass(Intwritable.class);
        job.setNapOutputValueclass(Intwritable.class);
        job.setOutputValueclass(Intwritable.class);
        job.setOutputValueclass(Intwritable.class);
        job.setOutputFormatClass(TextOutputFormat.class);
        job.setInputFormatClass(TextOutputFormat.class);
        job.setInputFormatClass(TextOutputFormat.class);
        job.setOutputFormatClass(TextOutputFormat.class);
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```

Mapper 2:

```
Task2Driverjava  Task2Mappperjava  Task2Reducerjava  Package proj5 32;

import java.io.IOException;

import org.apache.hadoop.io.*;
import org.apache.hadoop.io.Text;
import org.apache.hadoop.mapreduce.Mapper;
import org.apache.hadoop.mapreduce.Mapper;
import org.apache.hadoop.mapreduce.Mapper.Context;

public class Task2Mappper extends Mapper-Context;

Intwritable outVelue = new IntWritable();
public void map(LongWritable key,Text value,Context con) throws IOException, 1

String[] line = value.toString().split[* *);

outVelue.set(line[]]);

outValue.set([]);

con.write(outKey,outValue);

}

**Pask2Reducerjava  Pask2Reducerjava  Pask2R
```

Reducer 2:

Output2:

```
asses where applicable
235
        2
242
        2
        2
256
        3
302
377
        1
456
        2
654
        1
[acadgild@localhost Desktop]$
```