

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Assi5 [F:\T9\BDA\Assi5] - temp_Reducer.java

Assi5 > lab5 > src > temp_Reducer

Project

- Assi5 F:\T9\BDA\Assi5
 - .idea
 - lab5
 - .idea
 - out
 - src
 - META-INF
 - temp_Driver
 - temp_Mapper
 - temp_Reducer
 - lab5.iml
 - temp_file
 - 1901
 - 1902
 - Assi5.iml
 - lab5.jar
 - PE 18 Gopal Joshi BDA lab 5.pdf
 - PE29_VasuKalariya_Lab5_Writeup.pdf
 - External Libraries
 - Scratches and Consoles

temp_Driver.java x temp_Mapper.java x temp_Reducer.java x

```
1 import java.io.IOException;
2 import org.apache.hadoop.io.IntWritable;
3 import org.apache.hadoop.io.Text;
4 import org.apache.hadoop.mapreduce.Reducer;
5 import java.io.IOException;
6 import java.util.Iterator;
7 import org.apache.hadoop.io.IntWritable;
8 import org.apache.hadoop.io.Text;
9 import org.apache.hadoop.mapred.MapReduceBase;
10 import org.apache.hadoop.mapred.OutputCollector;
11 import org.apache.hadoop.mapred.Reporter;
12
13 public class temp_Reducer extends Reducer <Text,IntWritable,Text,IntWritable> {
14     @
15     public void reduce(Text key, Iterable <IntWritable> values,Context context)
16         throws IOException,InterruptedException {
17         int maxvalue = Integer.MIN_VALUE;
18         for(IntWritable x: values)
19         {
20             maxvalue = Math.max(maxvalue, x.get());
21         }
22         context.write(key, new IntWritable(maxvalue));
23     }
24 }
```

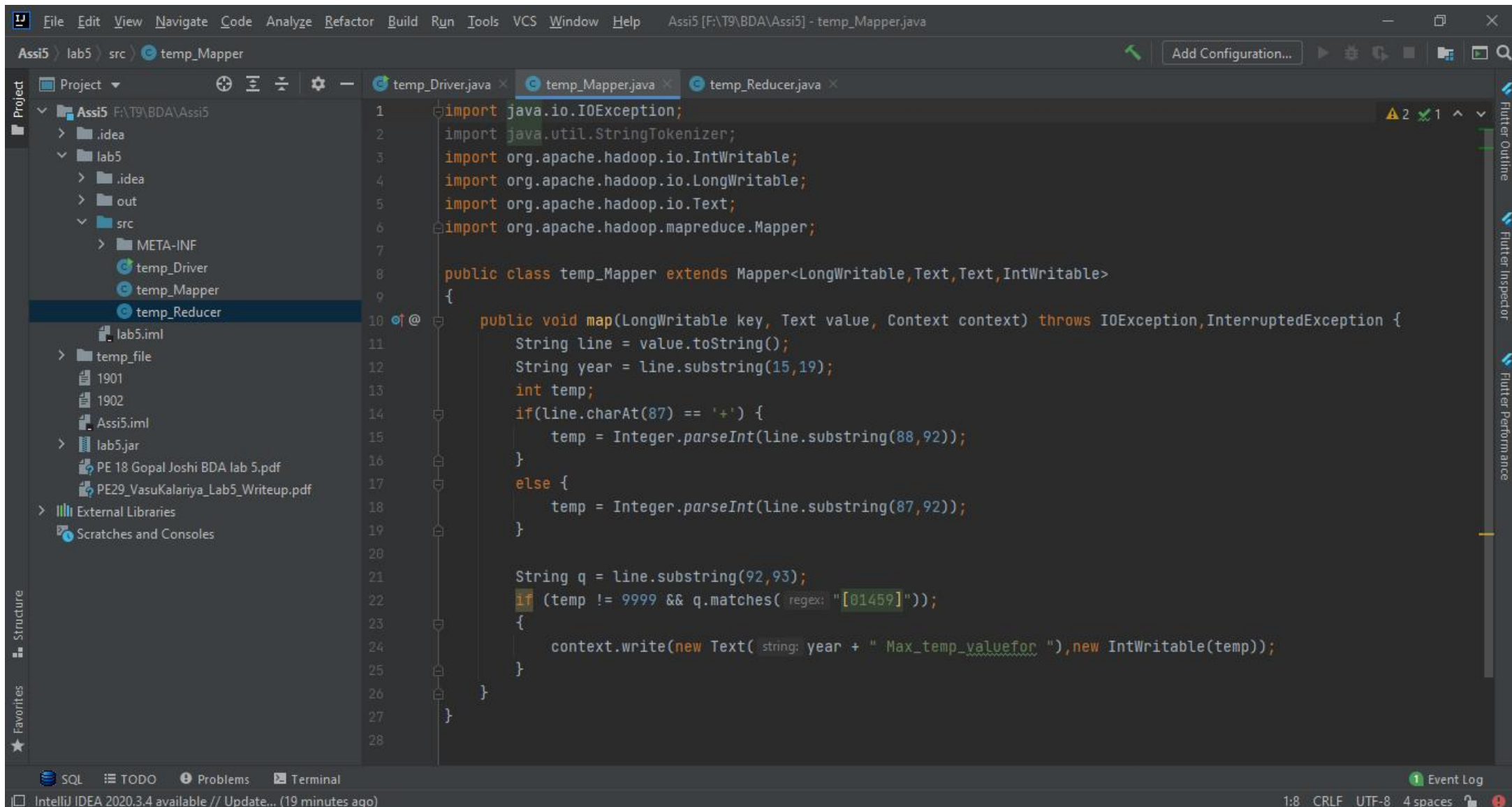
7

SQL TODO Problems Terminal

IntelliJ IDEA 2020.3.4 available // Update... (19 minutes ago)

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Event Log



File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help Assi5 [F:\T9\BDA\Assi5] - temp_Driver.java

Assi5 > lab5 > src > temp_Driver

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temp_Driver.java

```
1 import java.io.IOException;
2 import java.util.StringTokenizer;
3 import org.apache.hadoop.conf.Configuration;
4 import org.apache.hadoop.fs.Path;
5 import org.apache.hadoop.io.IntWritable;
6 import org.apache.hadoop.io.Text;
7 import org.apache.hadoop.mapreduce.Job;
8 import org.apache.hadoop.mapreduce.Mapper;
9 import org.apache.hadoop.mapreduce.Reducer;
10 import org.apache.hadoop.mapreduce.lib.input.FileInputFormat;
11 import org.apache.hadoop.mapreduce.lib.output.FileOutputFormat;
12 import java.util.Map;
13
14 public class temp_Driver {
15     @
16     public static void main(String[] args) throws Exception
17     {
18         Configuration conf= new Configuration();
19         Job job = new Job(conf, "Temperature Count");
20         job.setJarByClass(temp_Driver.class);
21         job.setMapperClass(temp_Mapper.class);
22         job.setReducerClass(temp_Reducer.class);
23         job.setOutputKeyClass(Text.class);
24         job.setOutputValueClass(IntWritable.class);
25         FileInputFormat.addInputPath(job, new Path(args[0]));
26         FileOutputFormat.setOutputPath(job, new Path(args[1]));
27         System.exit(job.waitForCompletion(verbose: true) ? 0 : 1);
28     }
29 }
```

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Flutter Inspector
Flutter Performance

SQL TODO Problems Terminal

Unused import statement

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Event Log