



```
System.exit(j.waitForCompletion(true) ? 0 : 1);
```

### Mapper Code:-

```
import java.io.IOException;
import org.apache.hadoop.io.DoubleWritable;
import org.apache.hadoop.io.IntWritable;
import org.apache.hadoop.io.LongWritable;
import org.apache.hadoop.io.Text;
import org.apache.hadoop.mapreduce.Mapper;
import org.apache.hadoop.mapreduce.Mapper.Context;

public class Mapper_Ashutosh extends Mapper<LongWritable, Text, Text,
IntWritable> {

    public void map(LongWritable key, Text value, Context context) throws
IOException, InterruptedException {
        String inputstring = value.toString();
        for (String x : inputstring.split(" ")) {
            if (x.equals("Apple") || x.equals("Banana") || x.equals("Grapes")) {
                context.write(new Text(x), new IntWritable(1));
            }
        }
    }
}
```

### Reducer Code:-

```
import java.io.IOException;

import org.apache.hadoop.io.IntWritable;
import org.apache.hadoop.io.Text;
import org.apache.hadoop.mapreduce.Reducer;
import org.apache.hadoop.mapreduce.Reducer.Context;

public class Reducer_Ashutosh extends Reducer<Text, IntWritable, Text,
IntWritable>{

    public void reduce(Text key, Iterable<IntWritable> values, Context context)
    throws IOException, InterruptedException {
        int y = 0;
        for(IntWritable x : values)
        {
            y ++;
        }
        context.write(key, new IntWritable(y));
    }
}
```

WPS Office

Hadoop Fundamentals Lab.docx

Ashutosh\_Hadoop\_writeup.docx

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Menu

File

Home

Insert

Page Layout

References

Review

View

Section

Tools

Click to find commands

Find and Replace

Select

Settings

Student Tools

Paste

Cut

Copy

Format Painter

Calibri (Body)

14

B

I

U

A

X

X

A

ab

A

A

AaBbCcDd

Normal

AaBb

AaBbC

AaBbC

AaBbCc

Heading 1

Heading 2

Heading 3

Heading 4

New Style

Text Tools

Input:-

Yesterday I was not feeling well so I went to consult a doctor, after a few checkups he told me that my diet is not balanced and told me to eat as much as Apple , Banana and Grape as much as possible.

The reason being why he prescribed me Apple ,Banana and Grapes along with is that all this fruits I.e. Apple , Banana and Grapes contains nutrients that are required for proper functioning of body.

Apple contains vitamin A,B12,C.

Grapes contains vitamin C,k.

Banana contains vitamin B1,B6,B2.

Among Apple , Banana and Grapes I like Apple the most

Output

Apple 6

Banana 5

Grapes 5

Page Num: 4

Page: 4/4

Section: 1/1

SetValue: 5.4in

Row: 20

Column: 10

Words: 6/297

Spell Check

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4/10/2021