

# Lab-12

Dhaval Malsattar

202203028

## Question-1:

### Code:

```
import java.io.*;
import java.util.*;

public class Fileinput {

    public static void main(String[] args) {
        int i=0,n=0,n1=0,n2=0,l=0;
        String arr[];
        try(FileReader fin =new FileReader("input.txt");FileWriter
fout =new FileWriter("output.txt")) {

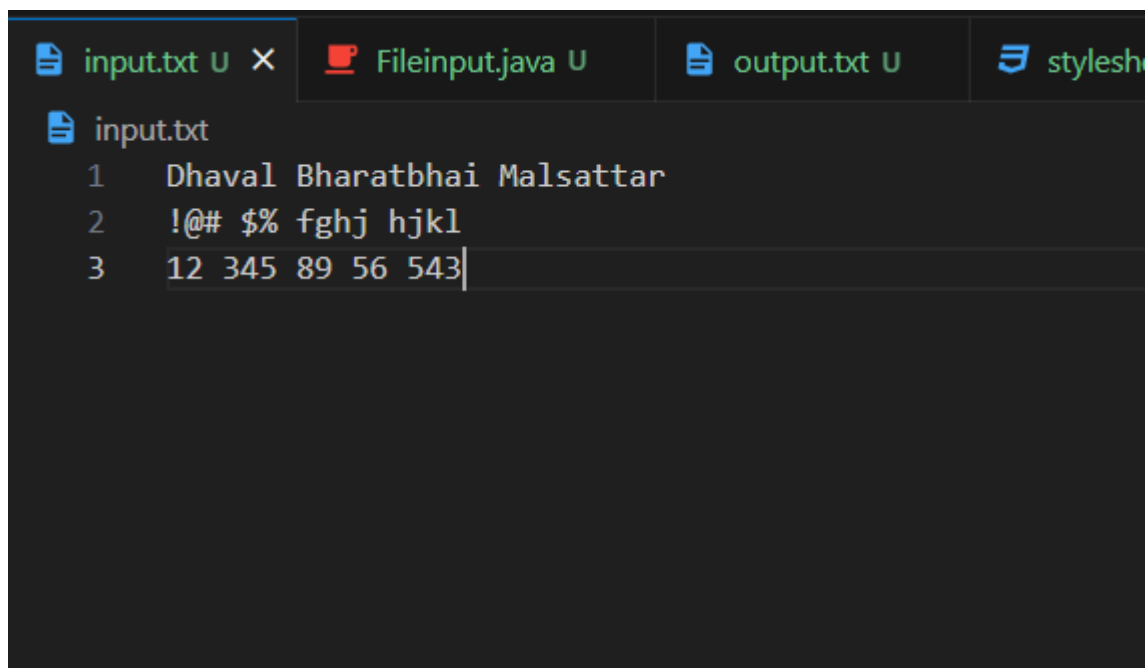
            BufferedReader br=new BufferedReader(fin);
            String s1=br.readLine();
            while(s1!=null){
                n += s1.split(" ").length;
                n1 += s1.split("").length;
                //System.out.println(s1);
                s1=br.readLine();
                n2++;
            }
            fout.write("Number of words : "+ n,0,("Number of words : 
"+ n).length());
            fout.write("\n");
            fout.write("Number of Characters : "+ n1,0,("Number of 
Characters : "+ n1).length());
            fout.write("\n");
            fout.write("Number of Spaces : "+ (n-n2),0,("Number of 
Spaces : "+ (n-n2)).length());
```

```

        fout.write("\n");
        fout.write("Number of lines : "+ n2,0,("Number of lines
: "+ n2).length());
        fout.write("\n");
        System.out.println("Word count has been written in the
output.txt file according to given below");
        System.out.println("Number of words : "+ n);
        System.out.println("Number of Characters : "+ n1);
        System.out.println("Number of Spaces : "+ (n-n2));
        System.out.println("Number of lines : "+ n2);
        fin.close();
        fout.close();
    } catch (Exception e) {
        // TODO: handle exception
        System.out.println(e);
    }
}
}

```

## Input.txt:

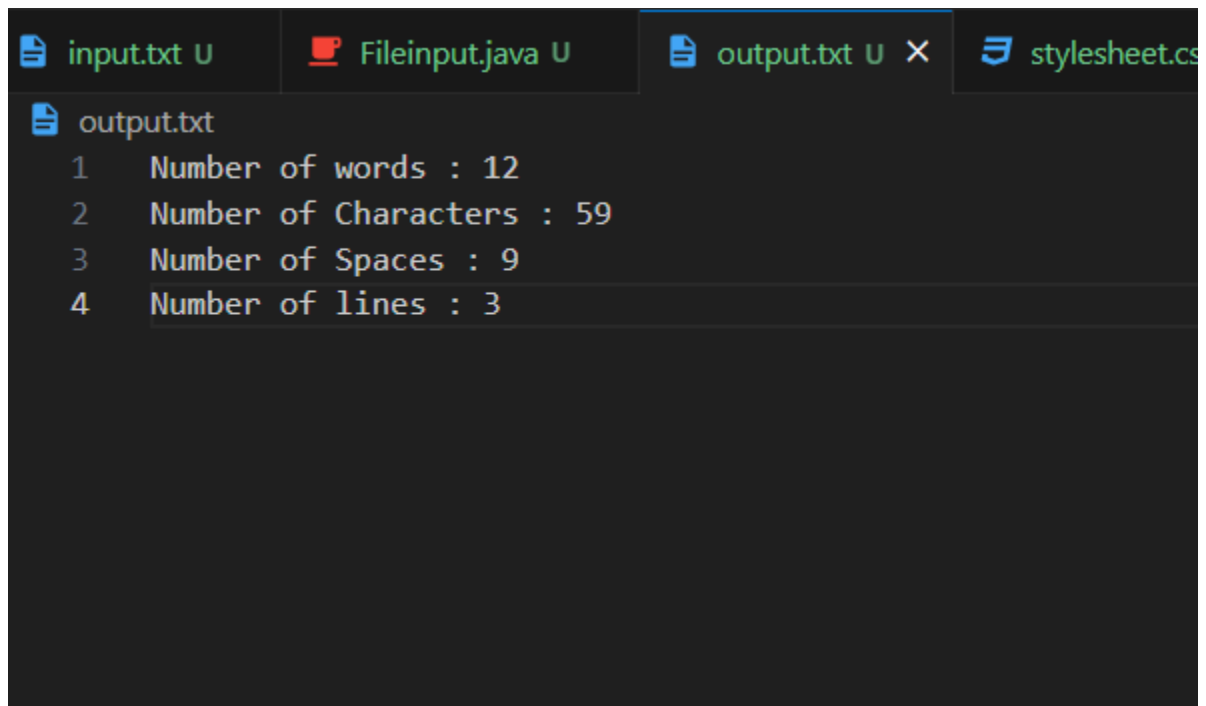


```

input.txt U × Fileinput.java U output.txt U stylesh
input.txt
1 Dhaval Bharatbhai Malsattar
2 !@# $% fghj hjkl
3 12 345 89 56 543|

```

## Output.txt:



The screenshot shows an IDE with four tabs: 'input.txt U', 'Fileinput.java U', 'output.txt U X', and 'stylesheet.cs'. The 'output.txt' tab is active, displaying the following text:

```
1  Number of words : 12
2  Number of Characters : 59
3  Number of Spaces : 9
4  Number of lines : 3
```

## Terminal Output:

```
PS C:\Users\Admin\Desktop\OOPs-LAB> java Fileinput
Word count has been written in the output.txt file according to given below
Number of words : 12
Number of Characters : 59
Number of Spaces : 9
Number of lines : 3
PS C:\Users\Admin\Desktop\OOPs-LAB> █
```