

Java End Term Practical

Q2. Write a program which writes the content on a file, save this file with your name, read this file and count the number of words in the file and print it in the console.

Source Code:

CountWord.java

```
import java.io.BufferedReader;
import java.io.FileReader;
import java.io.FileWriter;

// Nikhil Joshi 20711105 Haldwani Campus

public class CountWord
{
    public static void main(String[] args) throws Exception {
        String line;
        int count = 0;
        FileWriter fw=new FileWriter("Nikhil.txt");
        fw.write("Welcome to file to count the words and display on console");
        fw.close();
        FileReader file = new FileReader("Nikhil.txt");
        BufferedReader br = new BufferedReader(file);
        while((line = br.readLine()) != null) {
            System.out.println("Content Of file is- "+line);
            String[] wordList = line.split("\\s+");
            count += wordList.length;
        }

        System.out.println("Number of words present in given file: " + count);
        br.close();
    }
}
```

E:\java_programs\CountWord.java - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

Applet1.html x Applet1.java x CountWord.java x

```
1 import java.io.BufferedReader;
2 import java.io.FileReader;
3 import java.io.FileWriter;
4
5 // Nikhil Joshi 20711105 Haldwani Campus
6
7 public class CountWord
8 {
9     public static void main(String[] args) throws Exception {
10         String line;
11         int count = 0;
12         FileWriter fw=new FileWriter("Nikhil.txt");
13         fw.write("Welcome to file to count the words and display on console");
14         fw.close();
15         FileReader file = new FileReader("Nikhil.txt");
16         BufferedReader br = new BufferedReader(file);
17         while((line = br.readLine()) != null) {
18             System.out.println("Content Of file is- "+line);
19             String[] wordlist = line.split("\\s+");
20             count += wordlist.length;
21         }
22
23         System.out.println("Number of words present in given file: " + count);
24         br.close();
25     }
26 }
27 }
```

Line 10, Column 23

Spaces: 4 Java

29°C Mostly cl... ENG 10:35 AM

Nikhil.txt

Nikhil.txt - Notepad

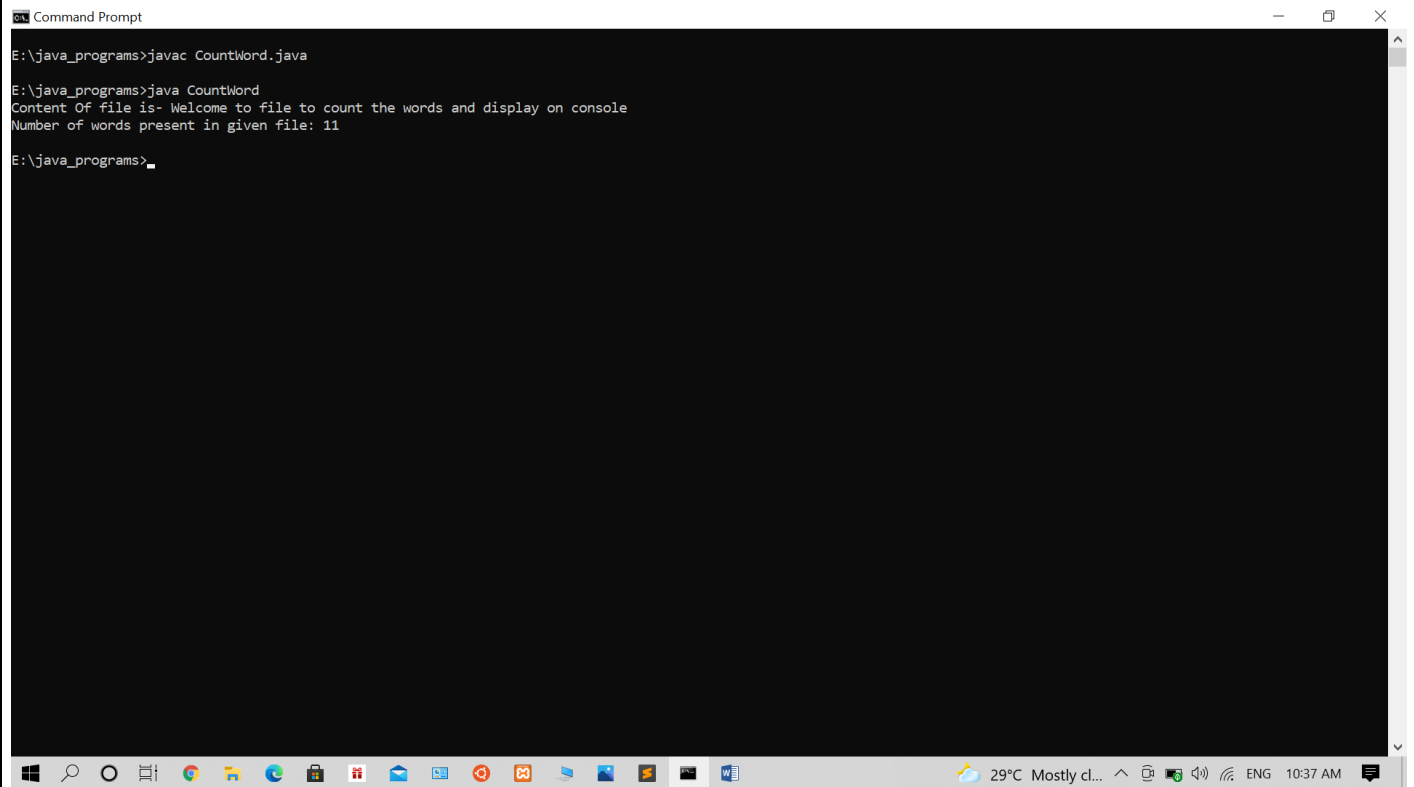
File Edit Format View Help

Welcome to file to count the words and display on console

Ln 1, Col 1 100% Windows (CRLF) UTF-8

29°C Mostly cl... ENG 10:36 AM

Output:



```
Command Prompt
E:\java_programs>javac CountWord.java
E:\java_programs>java CountWord
Content Of file is- Welcome to file to count the words and display on console
Number of words present in given file: 11
E:\java_programs>
```

The screenshot shows a Windows Command Prompt window titled "Command Prompt". The user has navigated to the directory "E:\java_programs" and executed the command "javac CountWord.java". This is followed by the command "java CountWord", which produces the output: "Content Of file is- Welcome to file to count the words and display on console" and "Number of words present in given file: 11". The prompt "E:\java_programs>" is visible at the bottom of the window. The taskbar at the bottom of the screen shows various application icons and system status information, including the temperature "29°C Mostly cl..." and the time "10:37 AM".